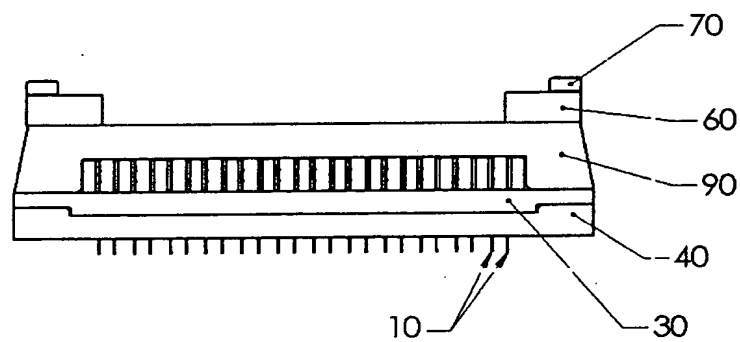


**FIG. 1A**



**FIG. 1B**

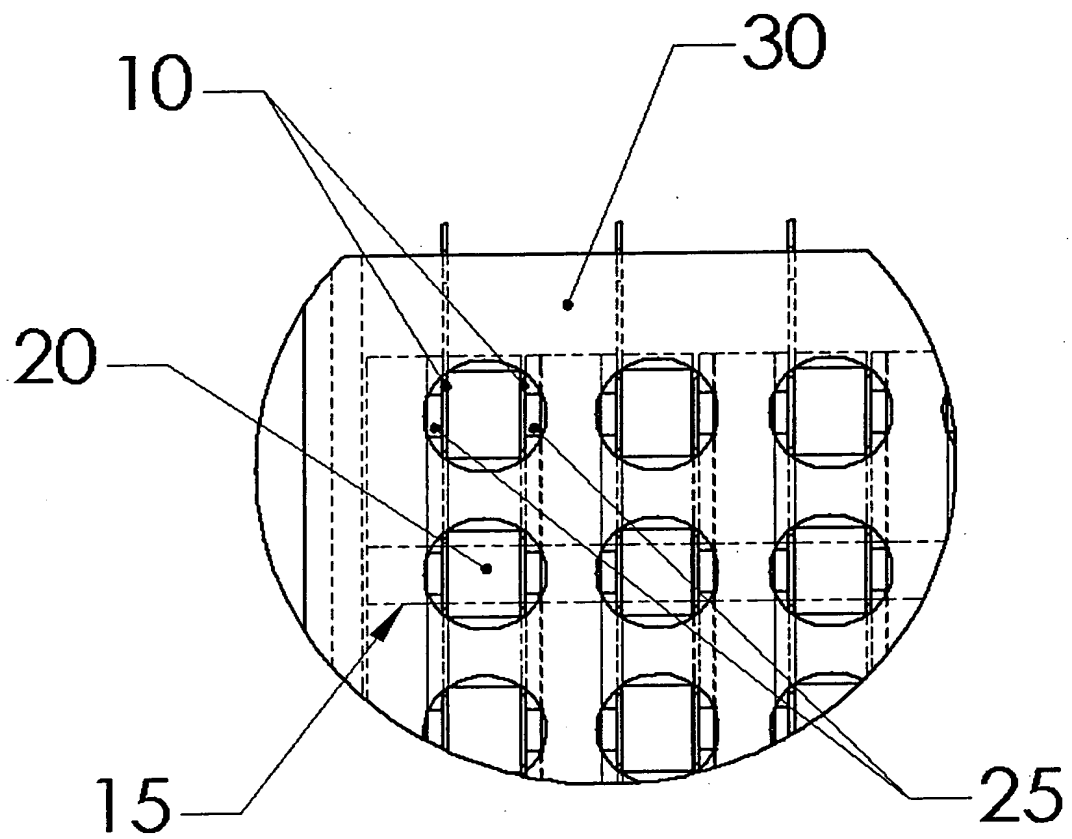


FIG. 1C

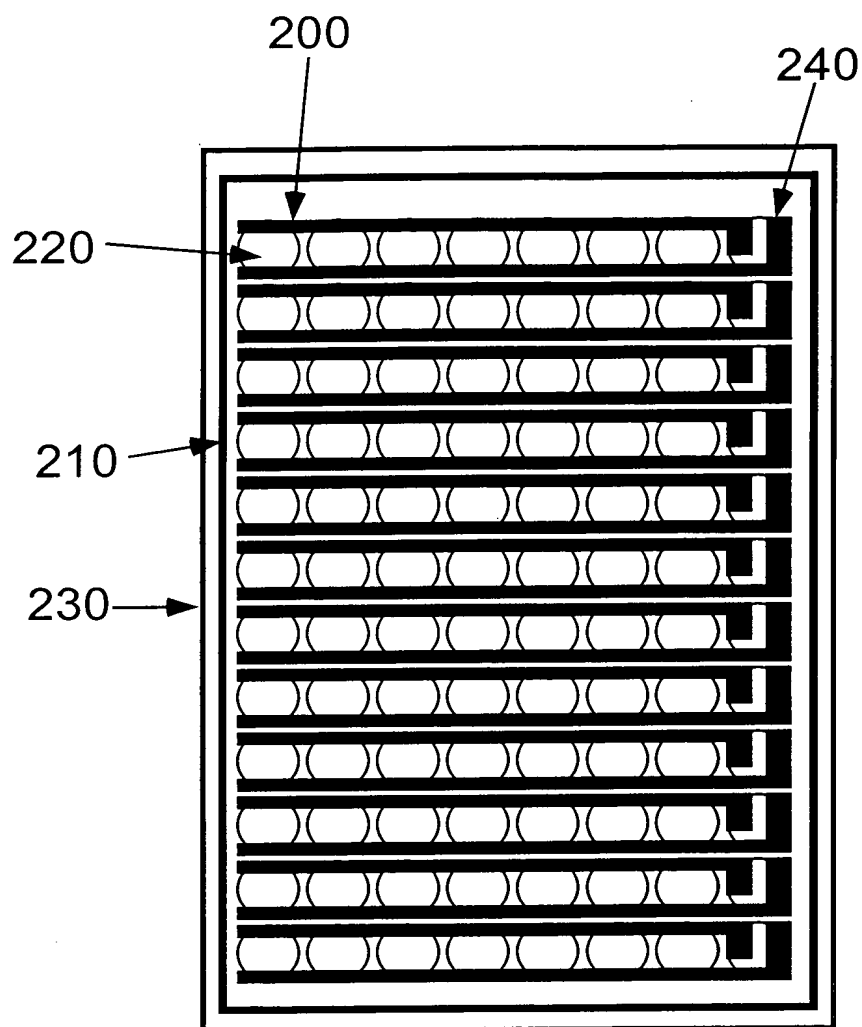
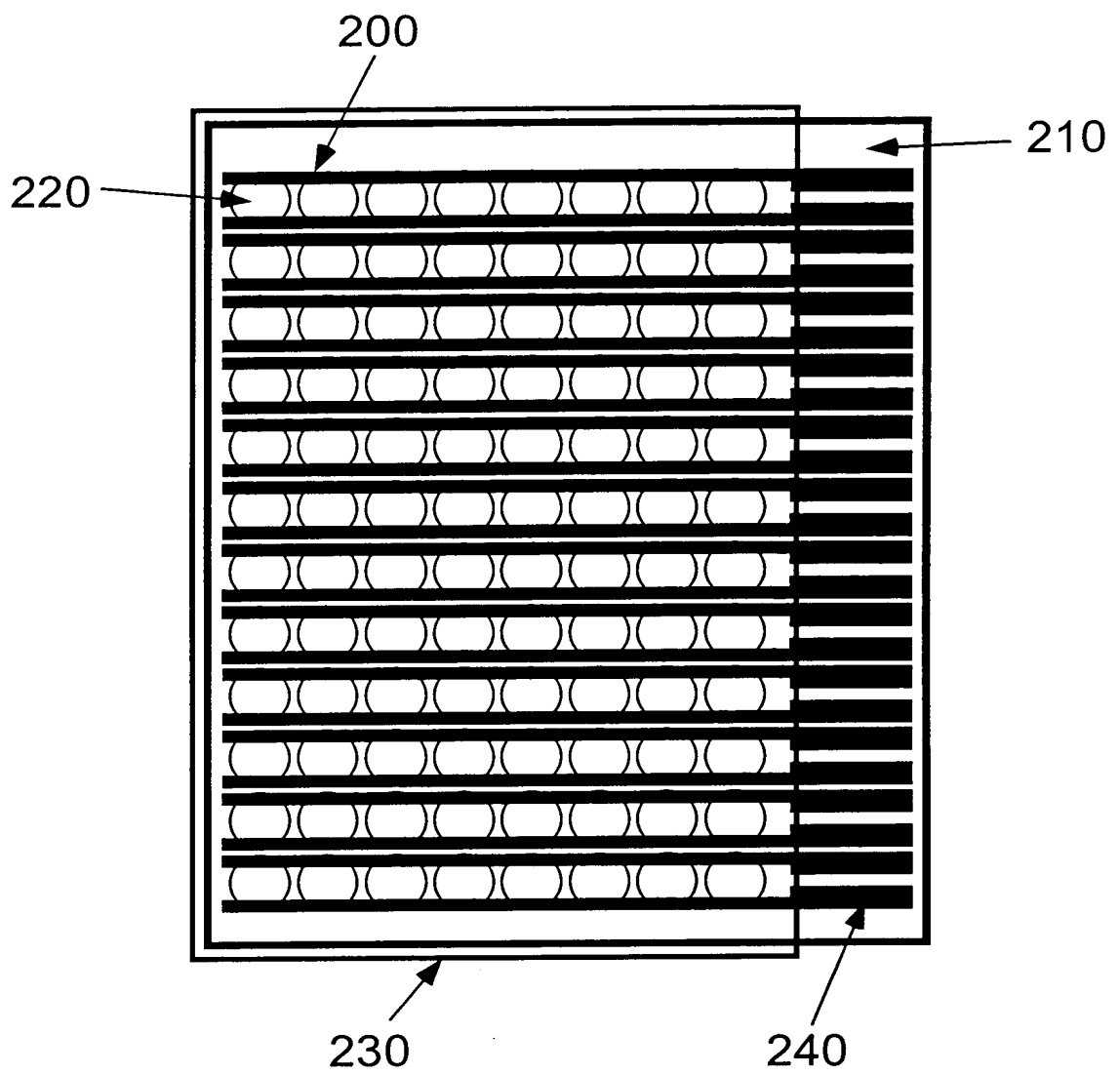


FIG. 2A



**FIG. 2B**

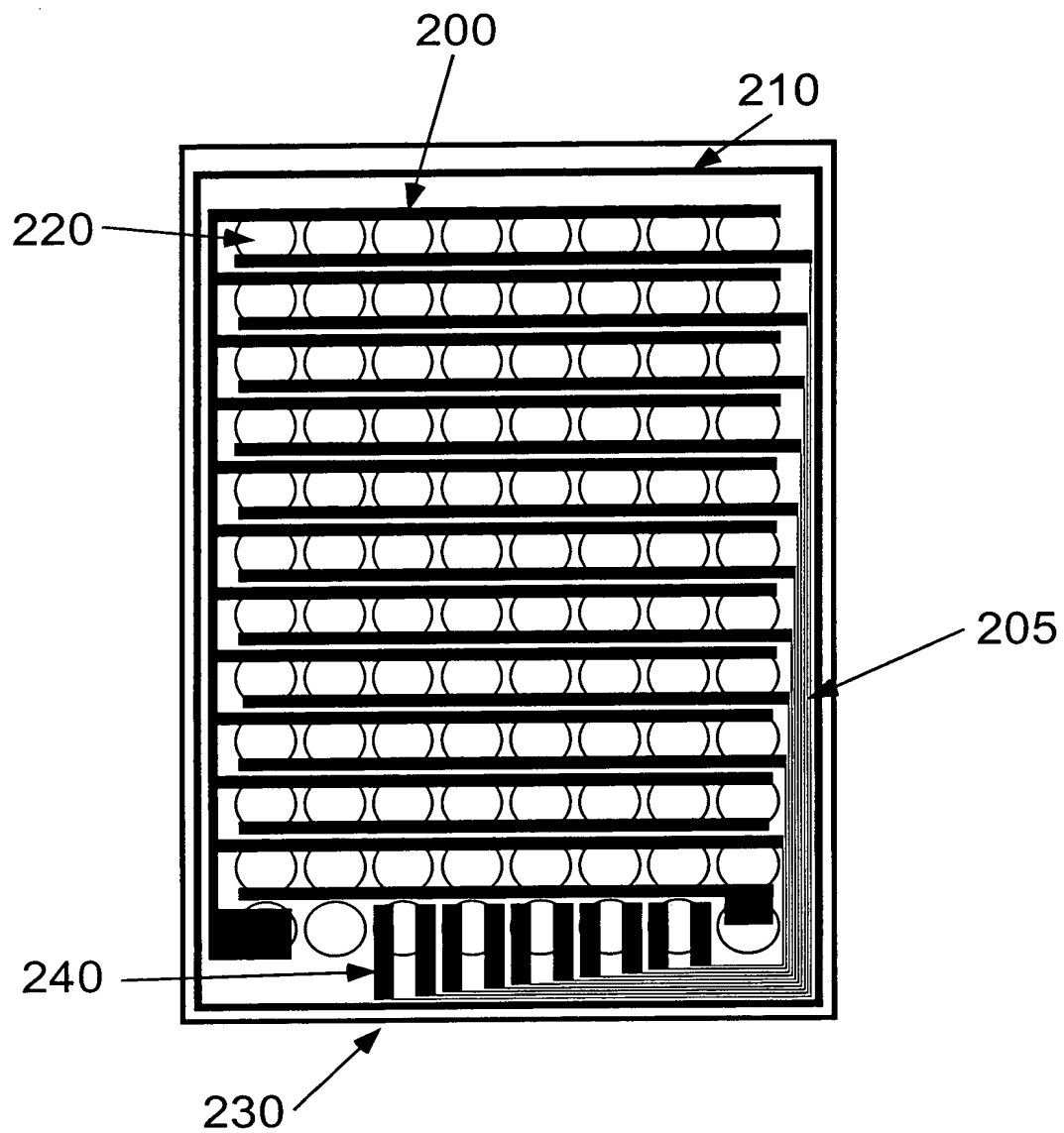


FIG. 2C

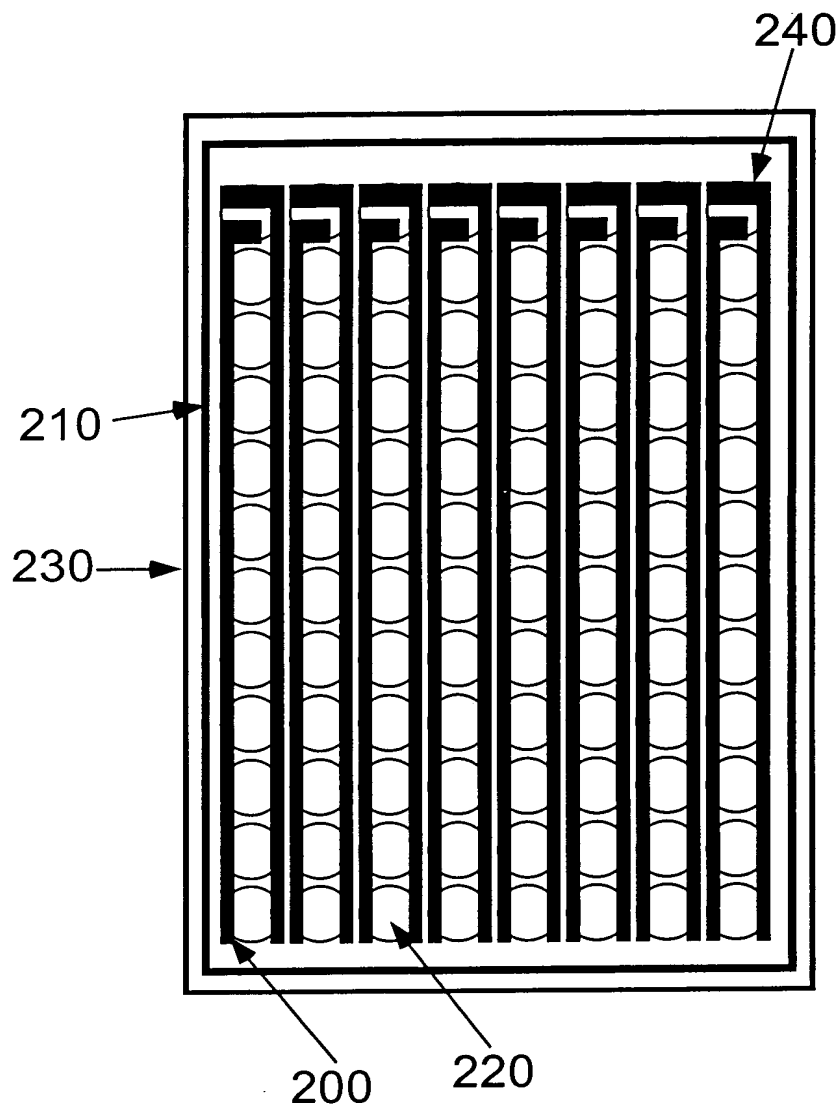
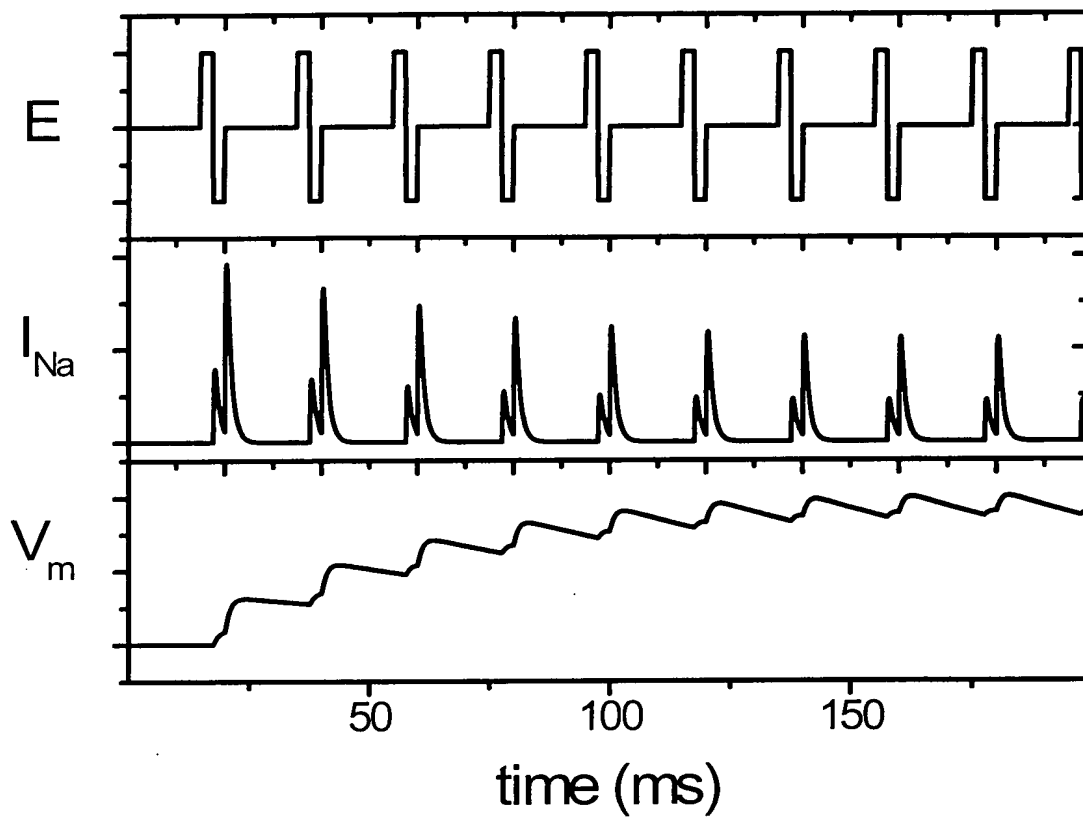


FIG. 2D





**FIG. 4**



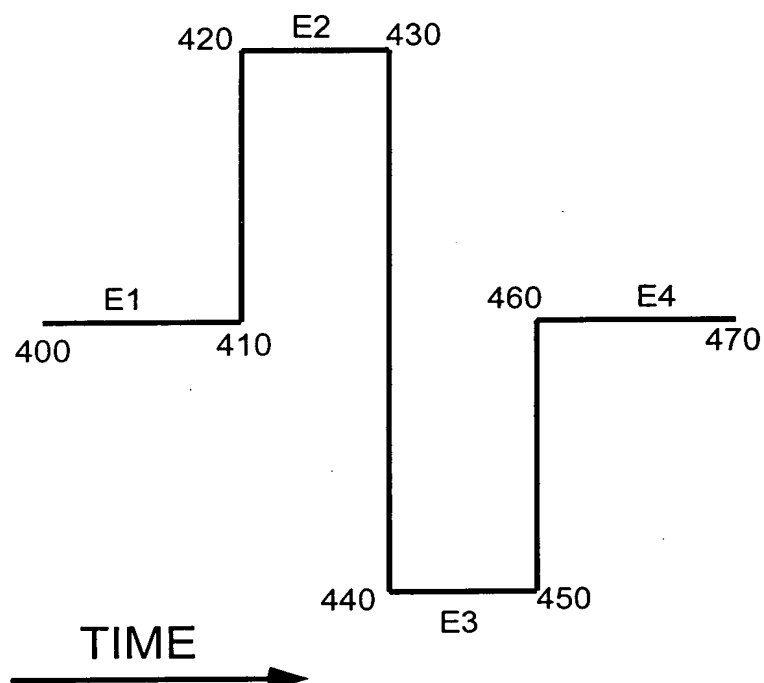
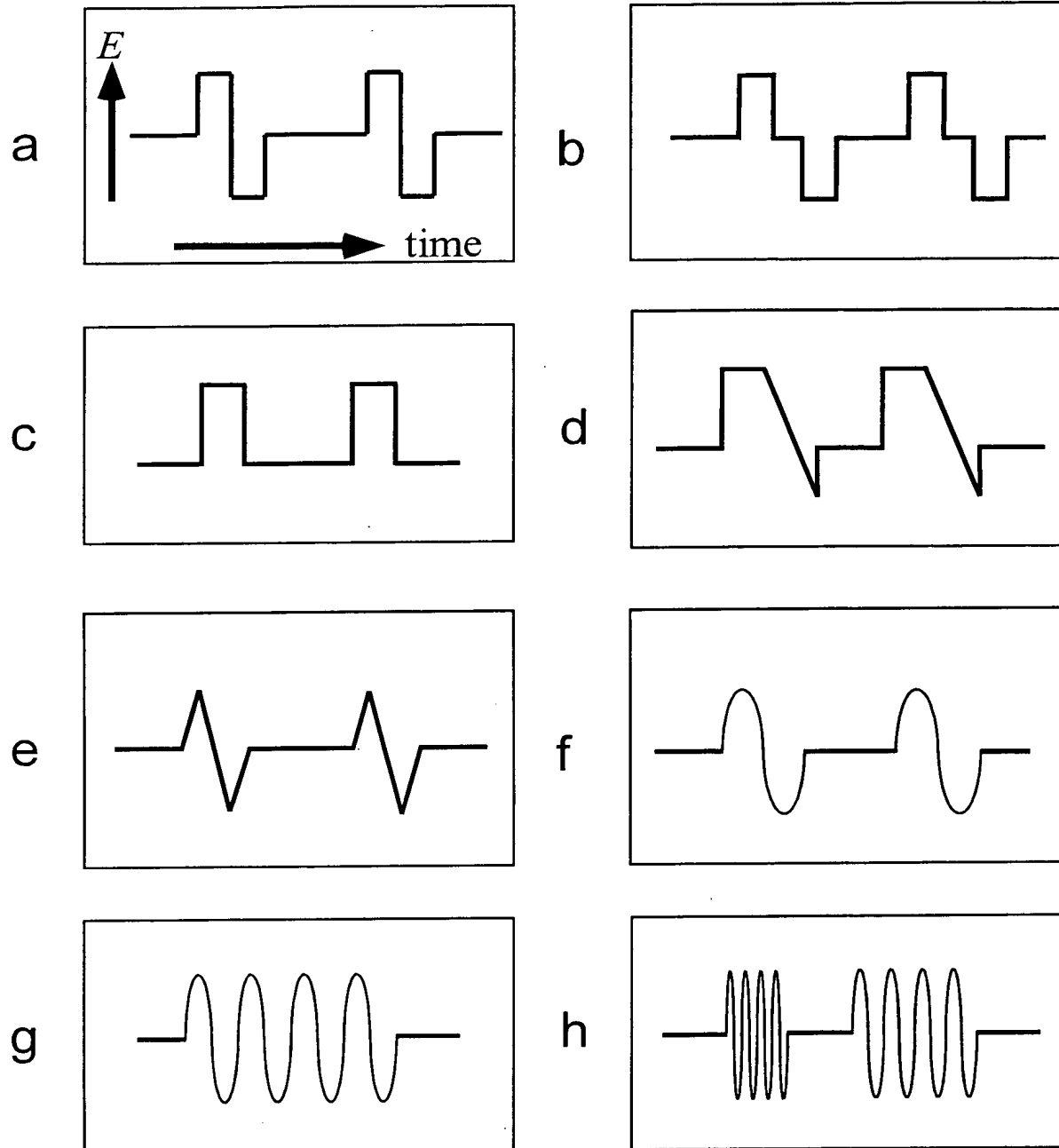
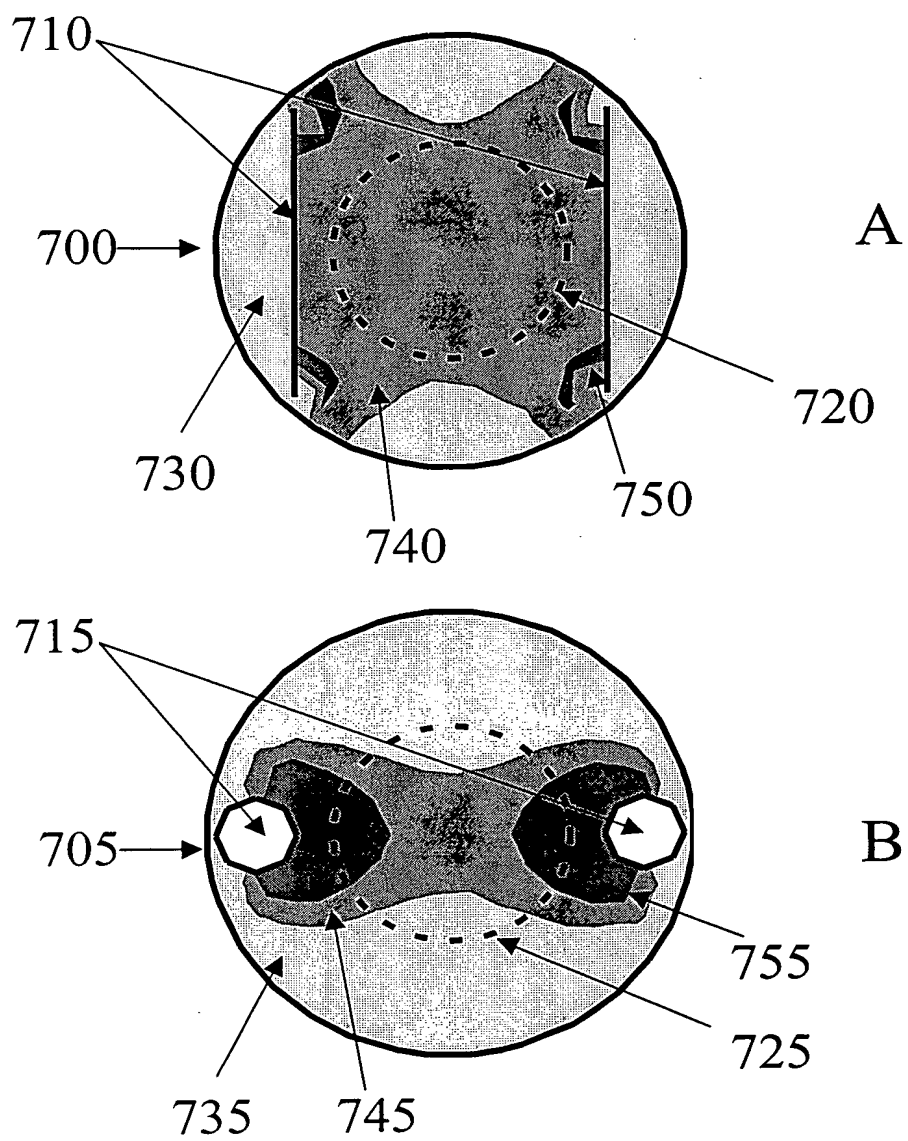


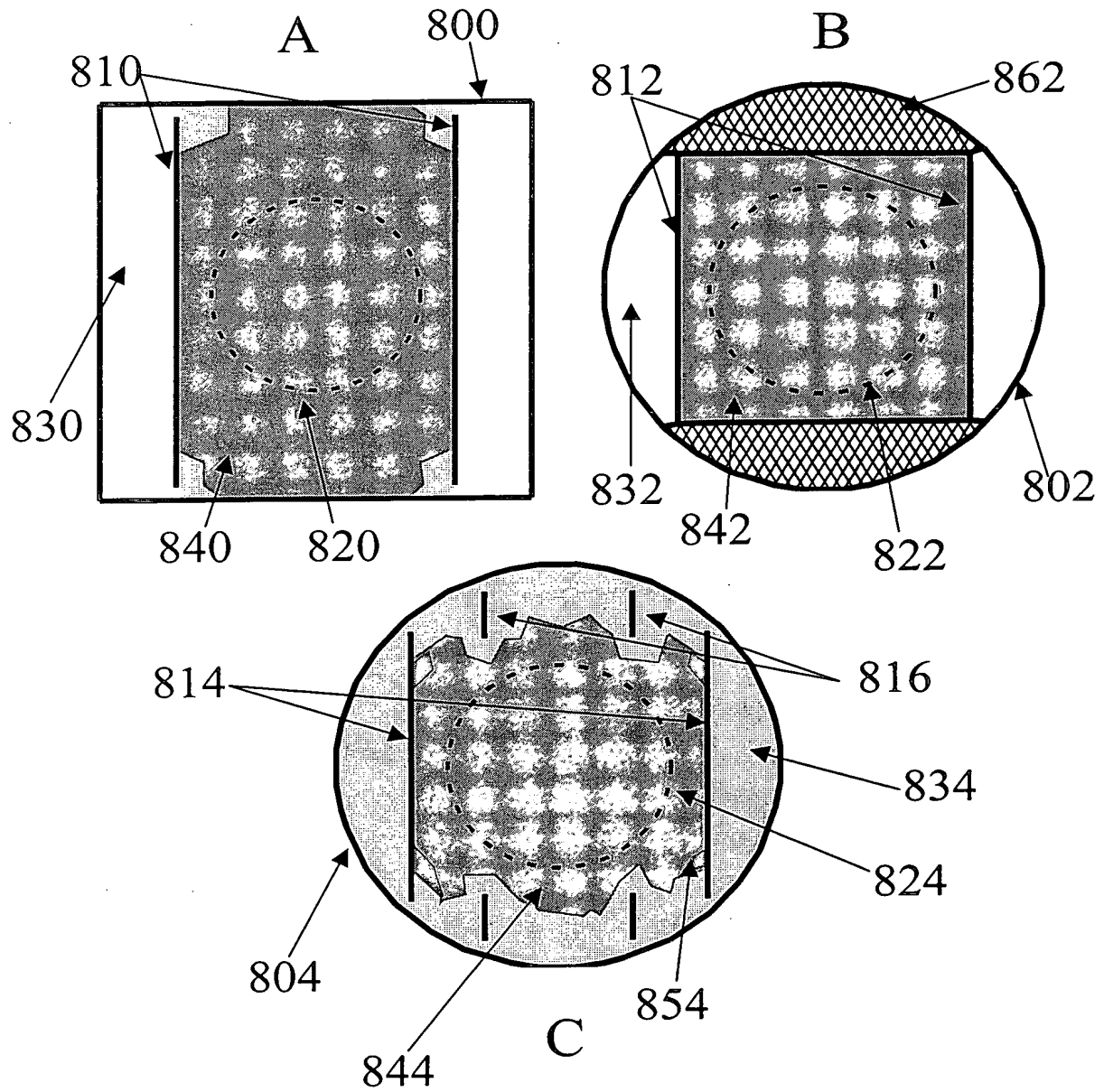
FIG. 5



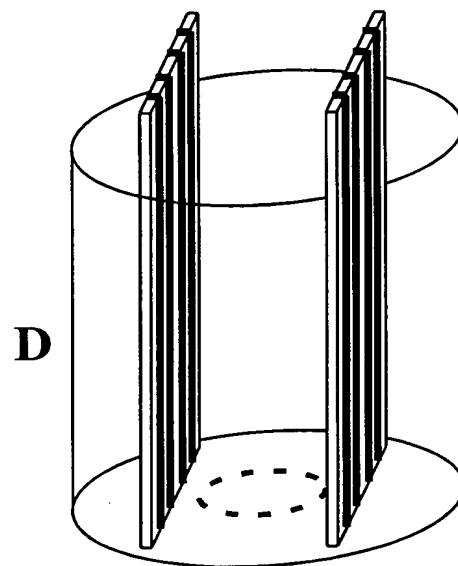
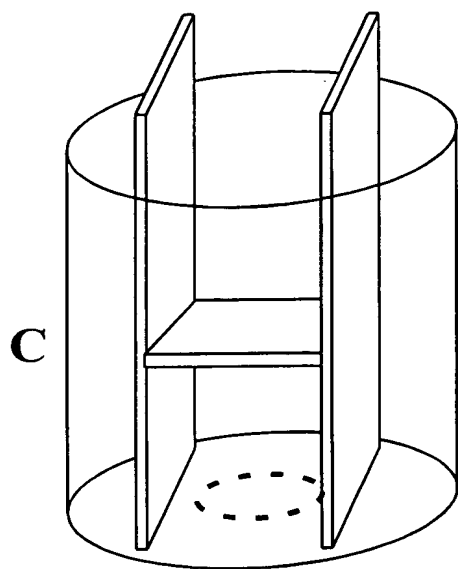
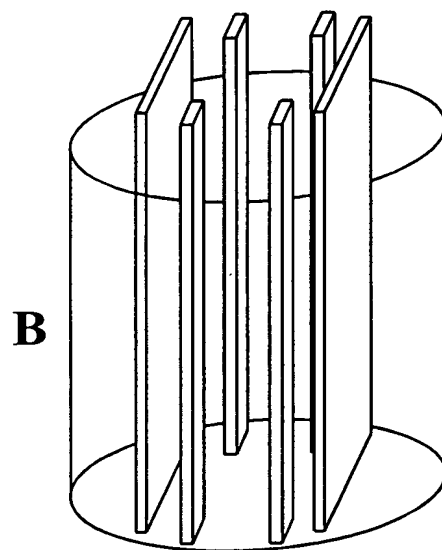
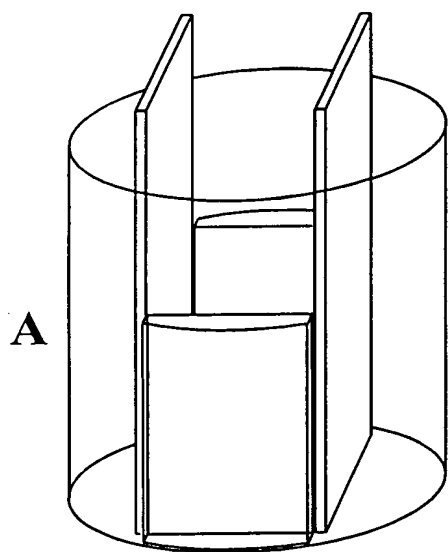
**FIG. 6**



**FIG. 7**



**FIG. 8**



**FIG. 9**

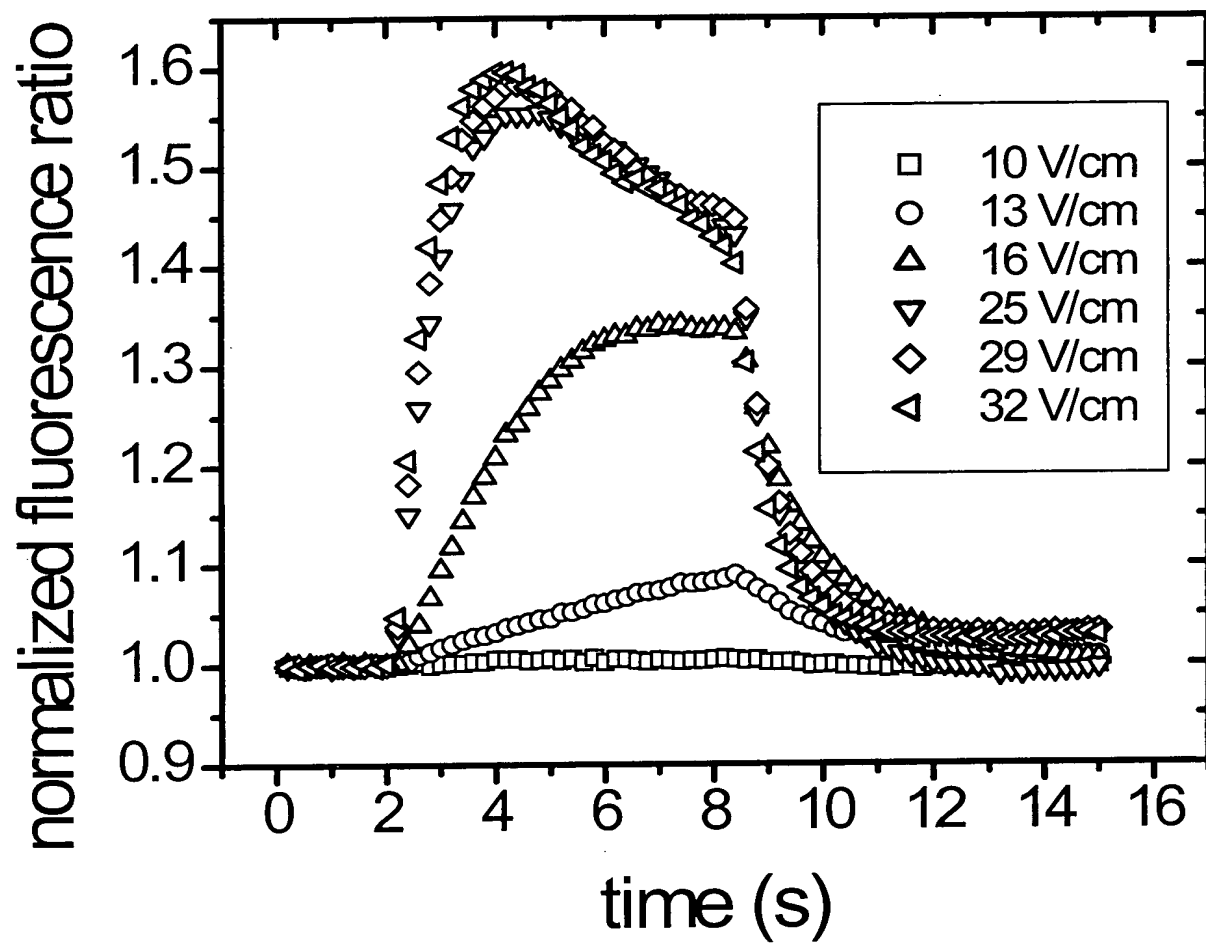


FIG. 10

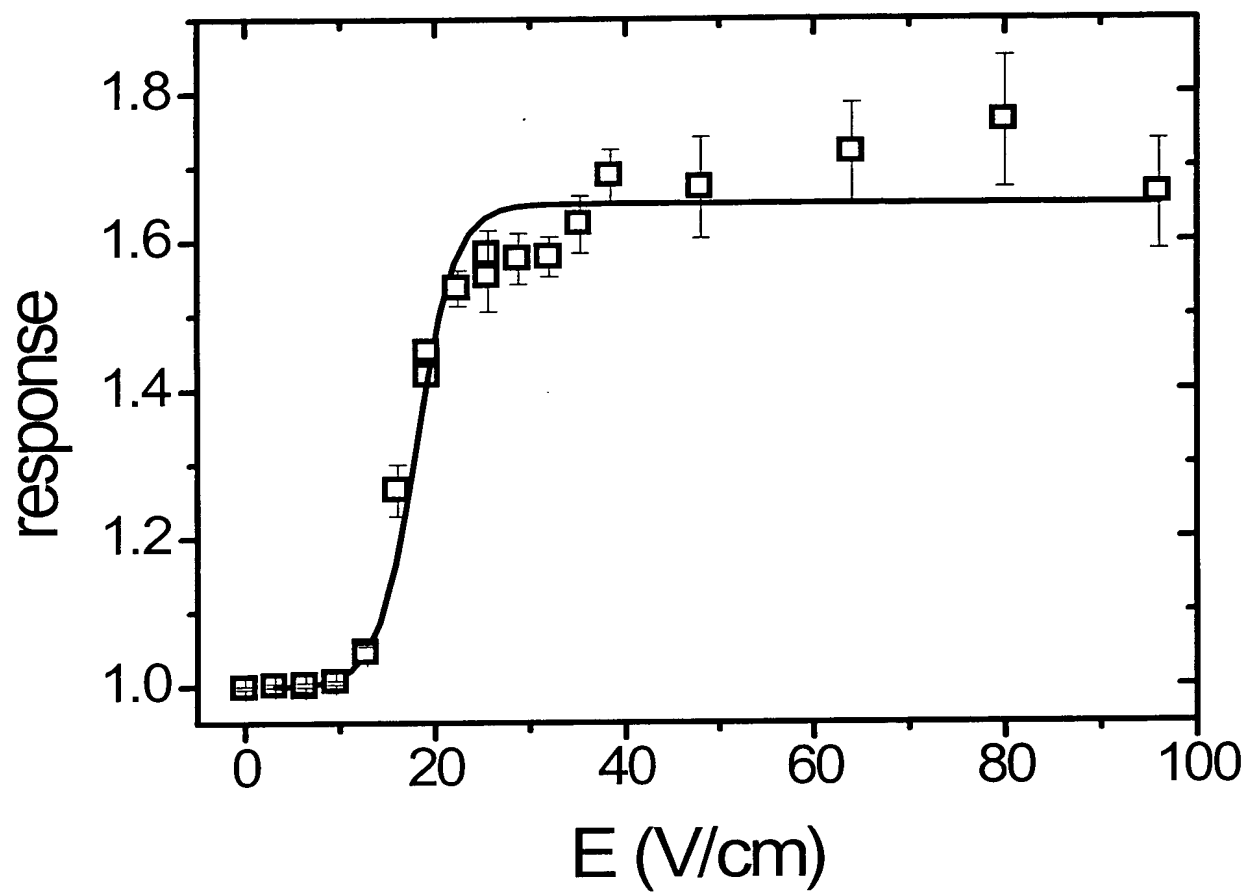
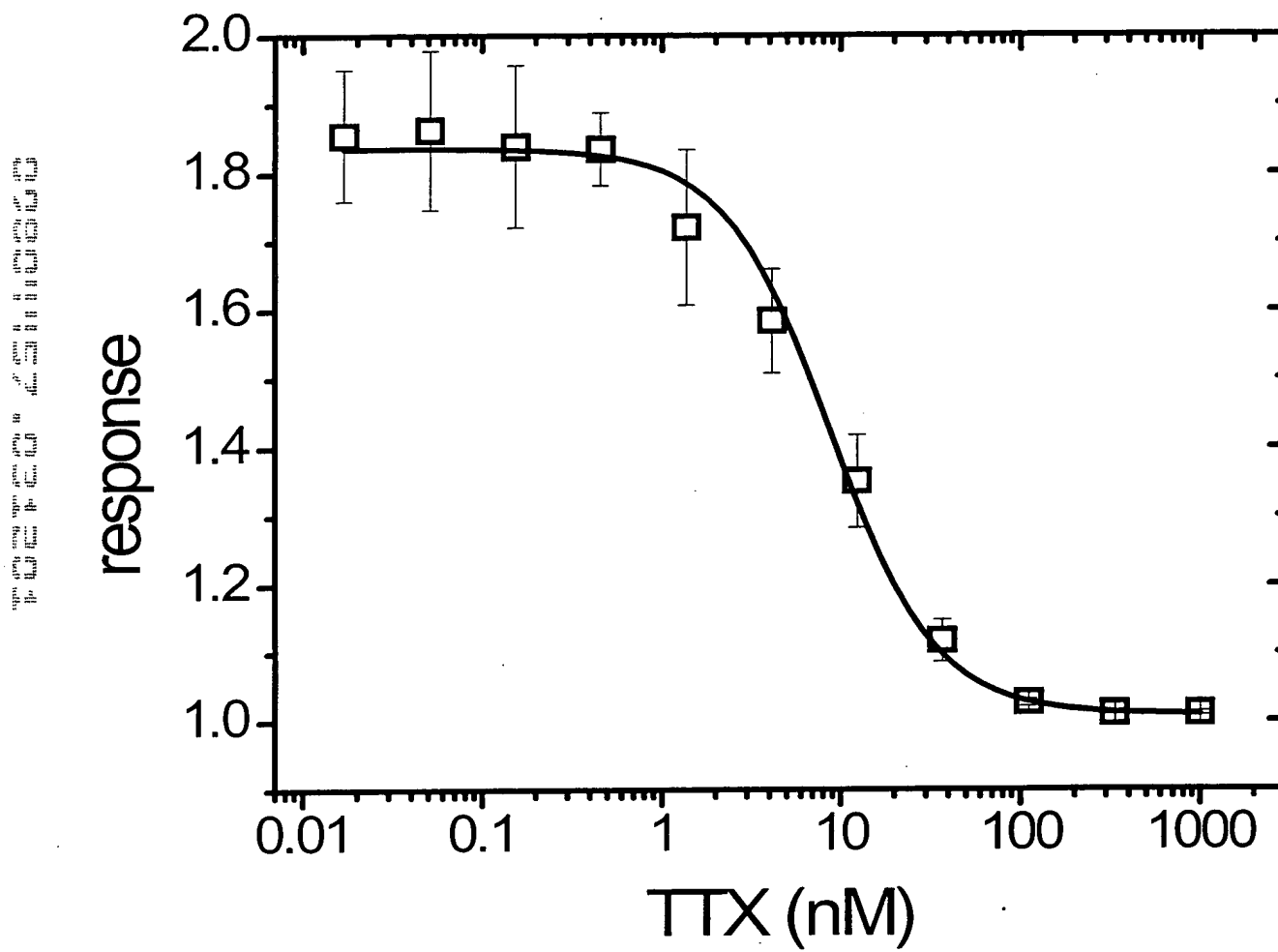


FIG. 11



**FIG. 12**



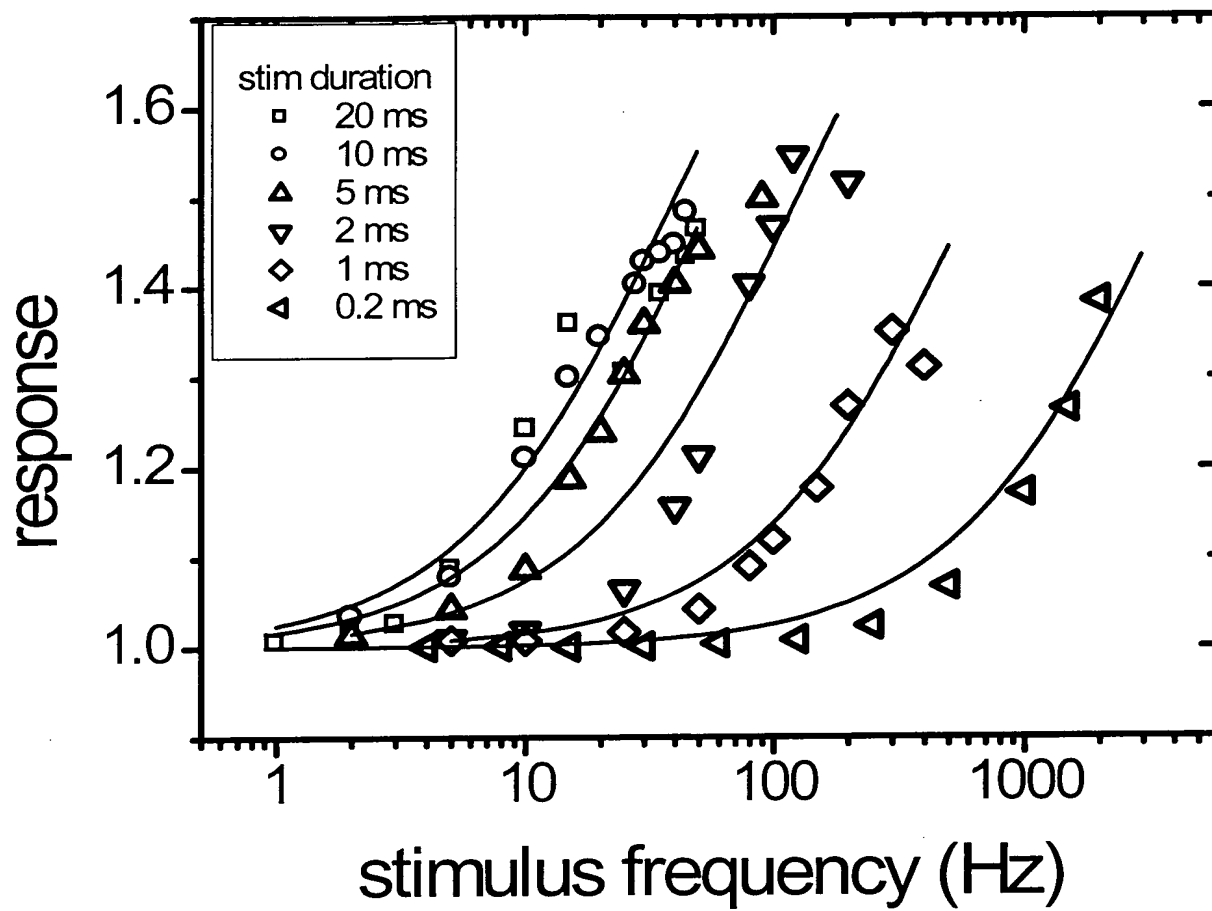


FIG. 13

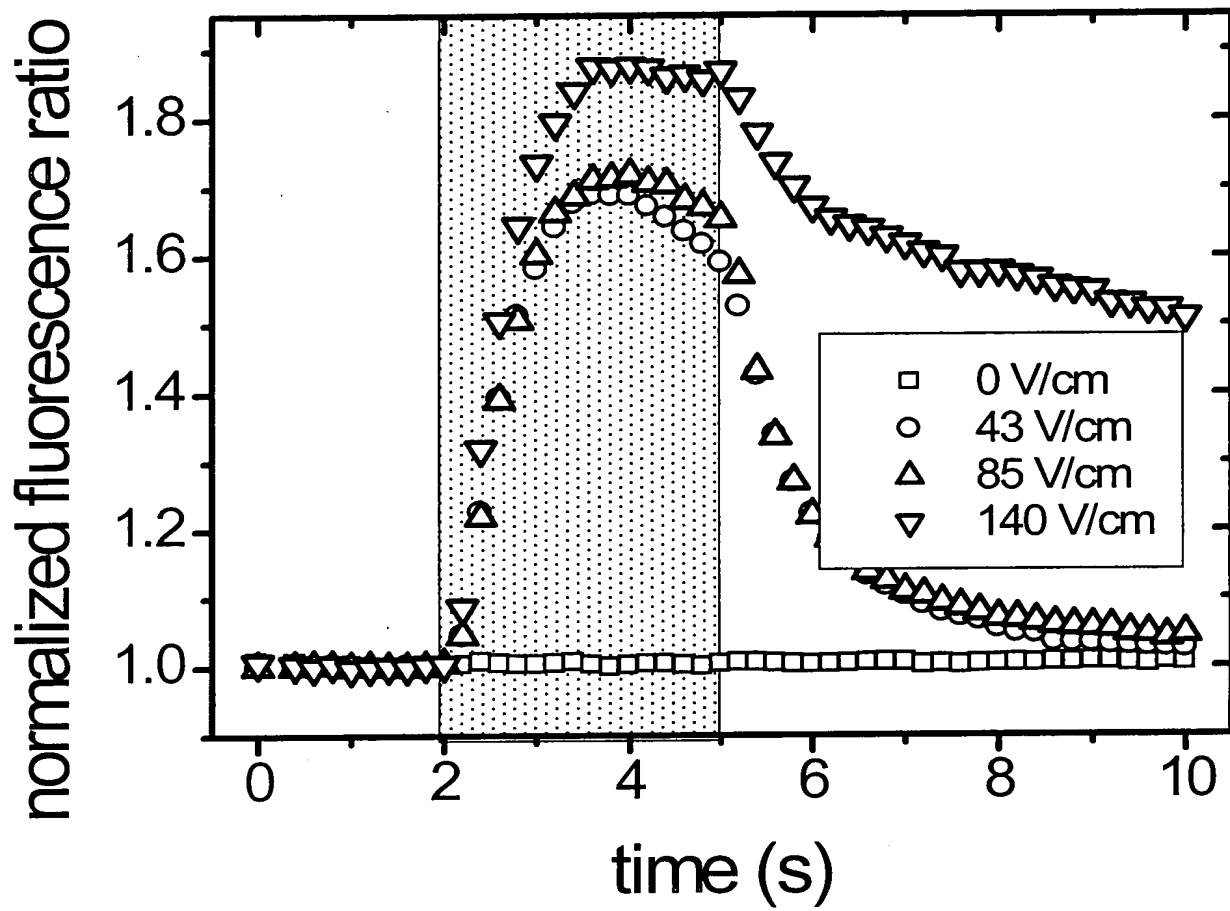


FIG. 14

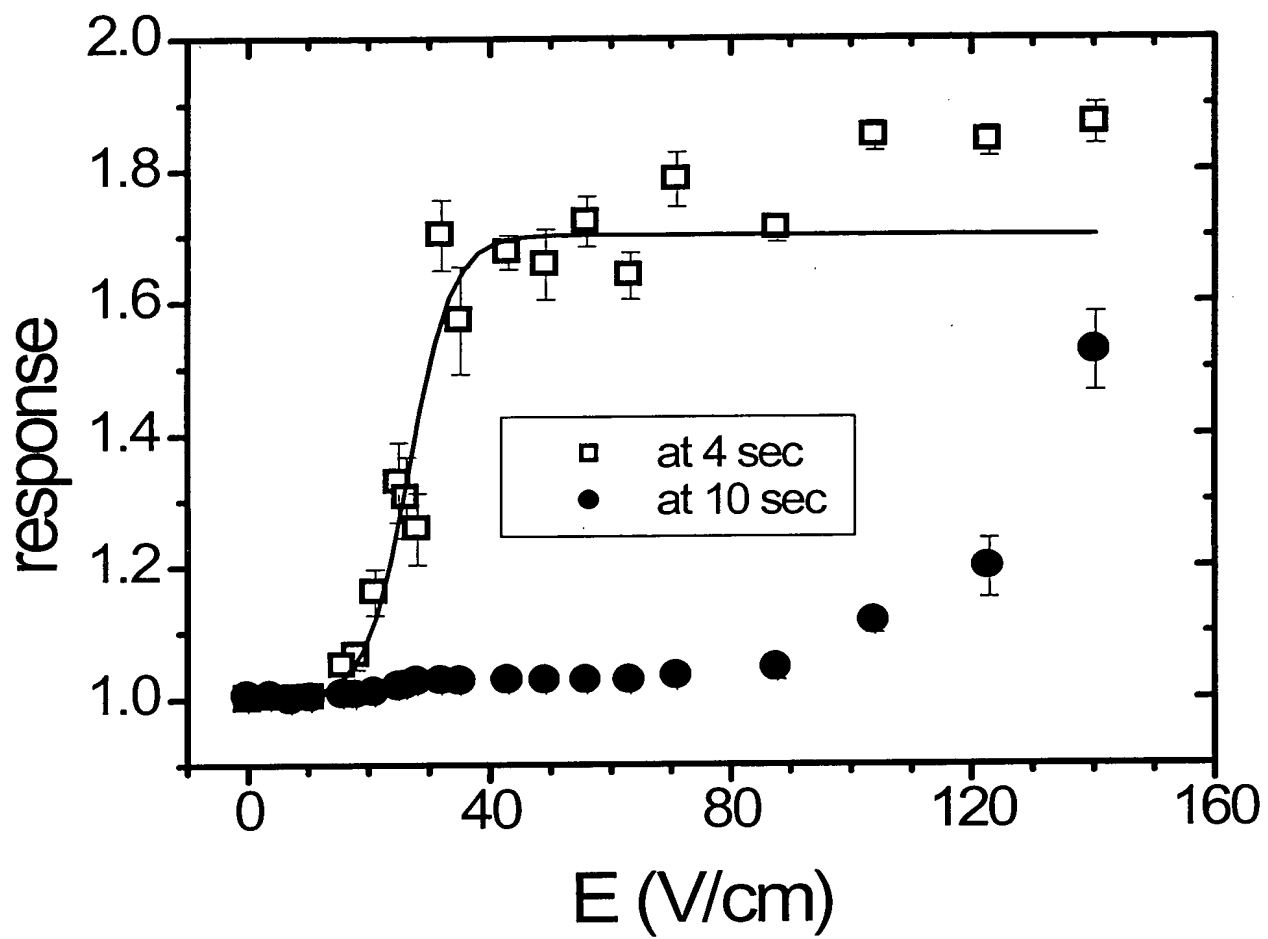


FIG. 15

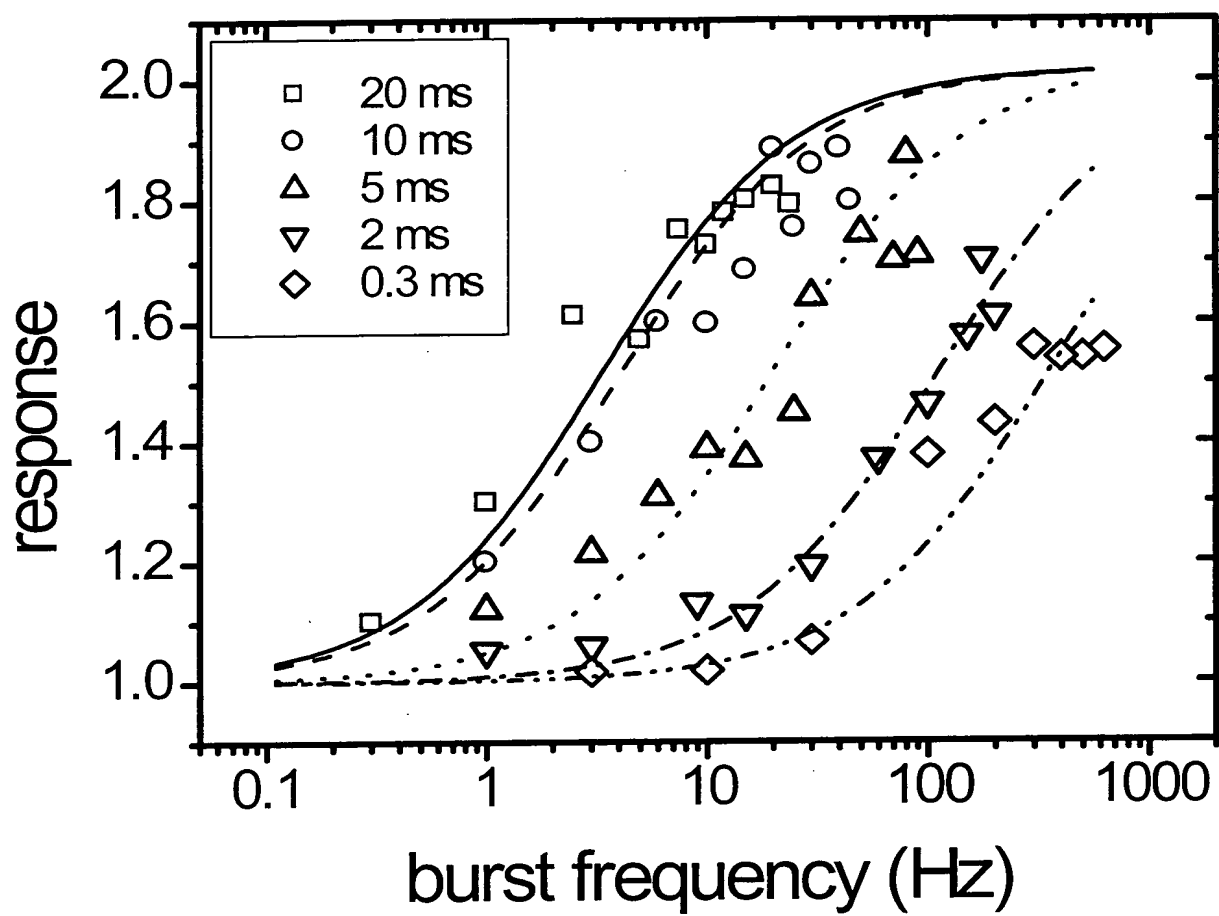
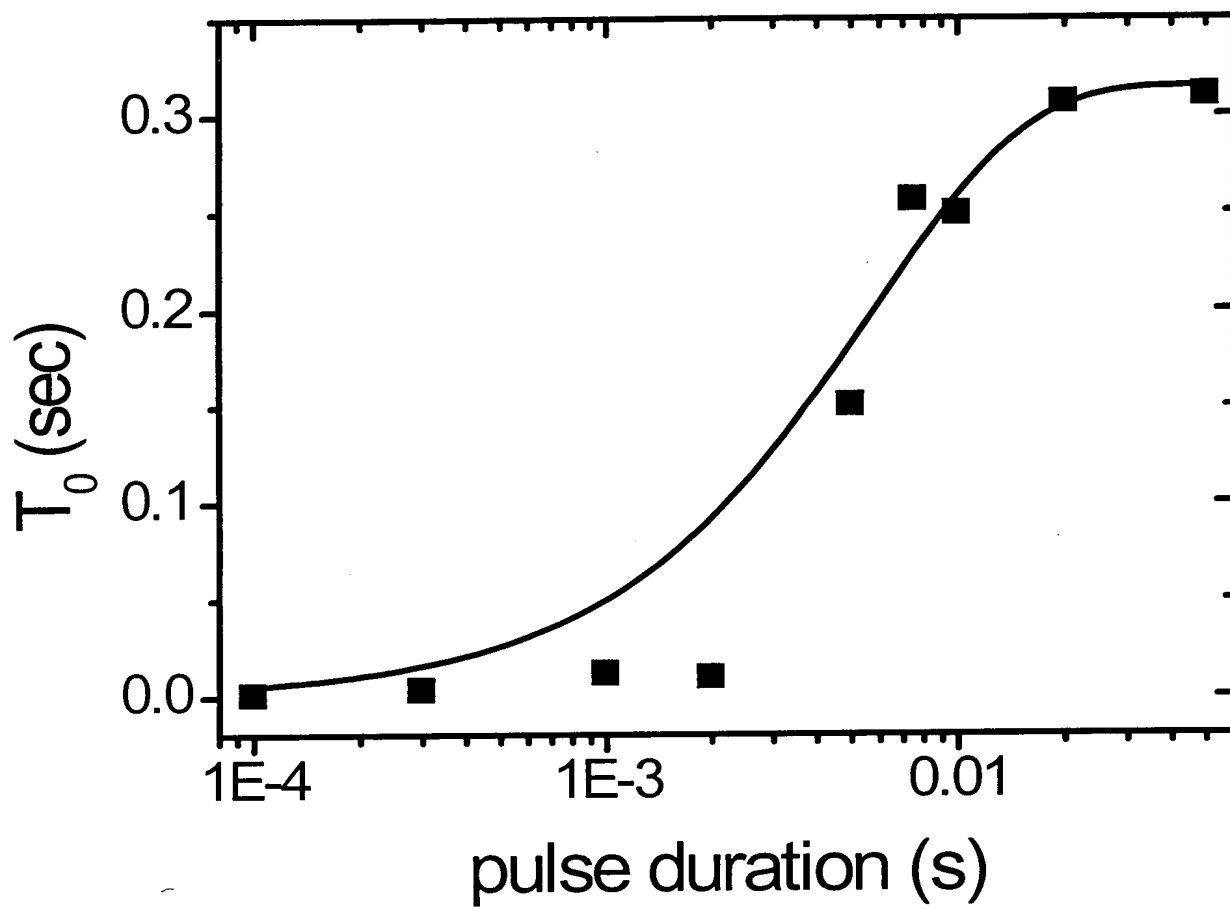
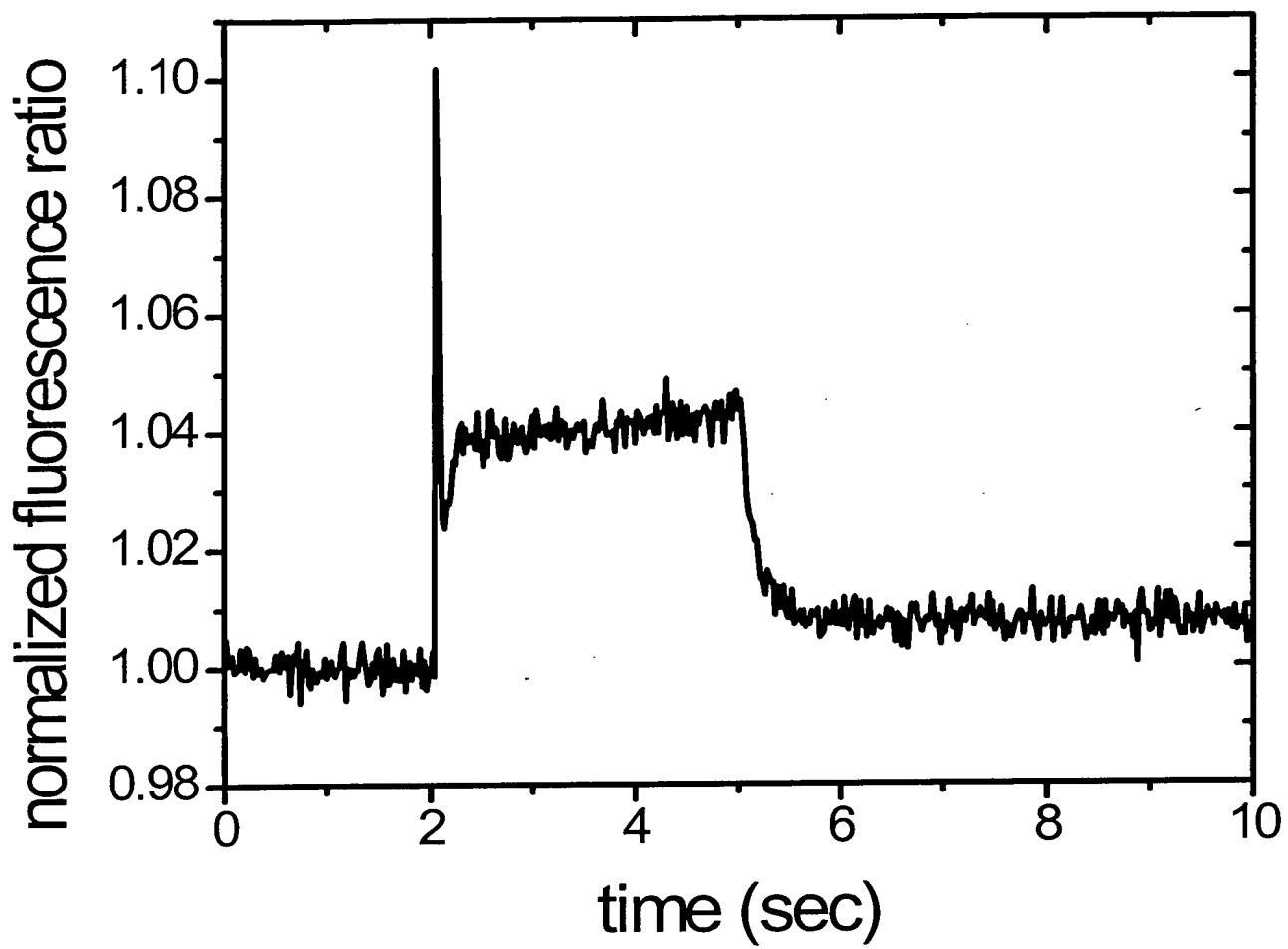


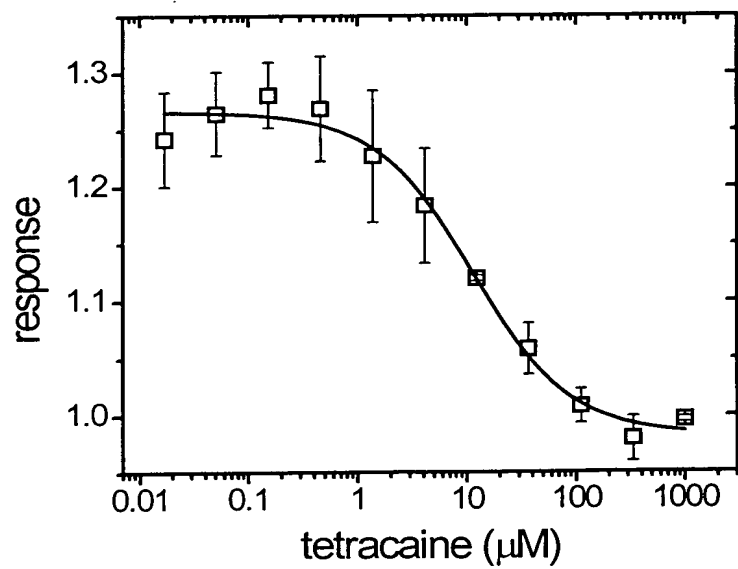
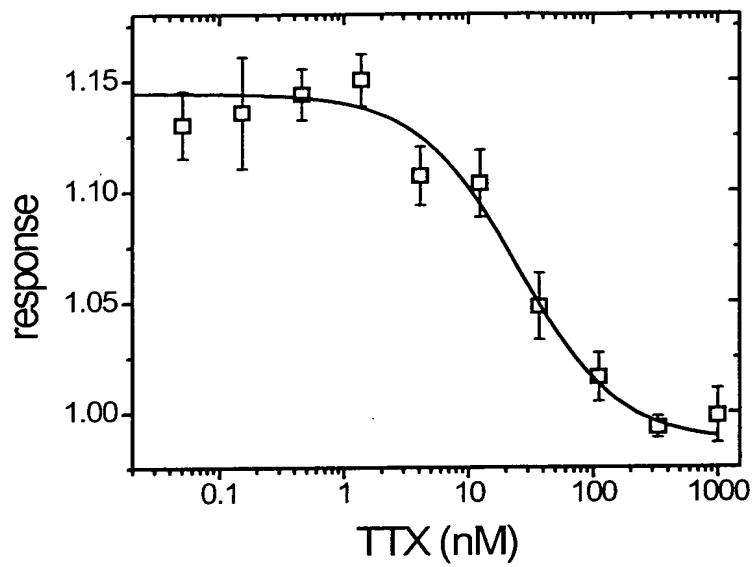
FIG. 16



**FIG. 17**



**FIG. 18**



**FIG. 19**

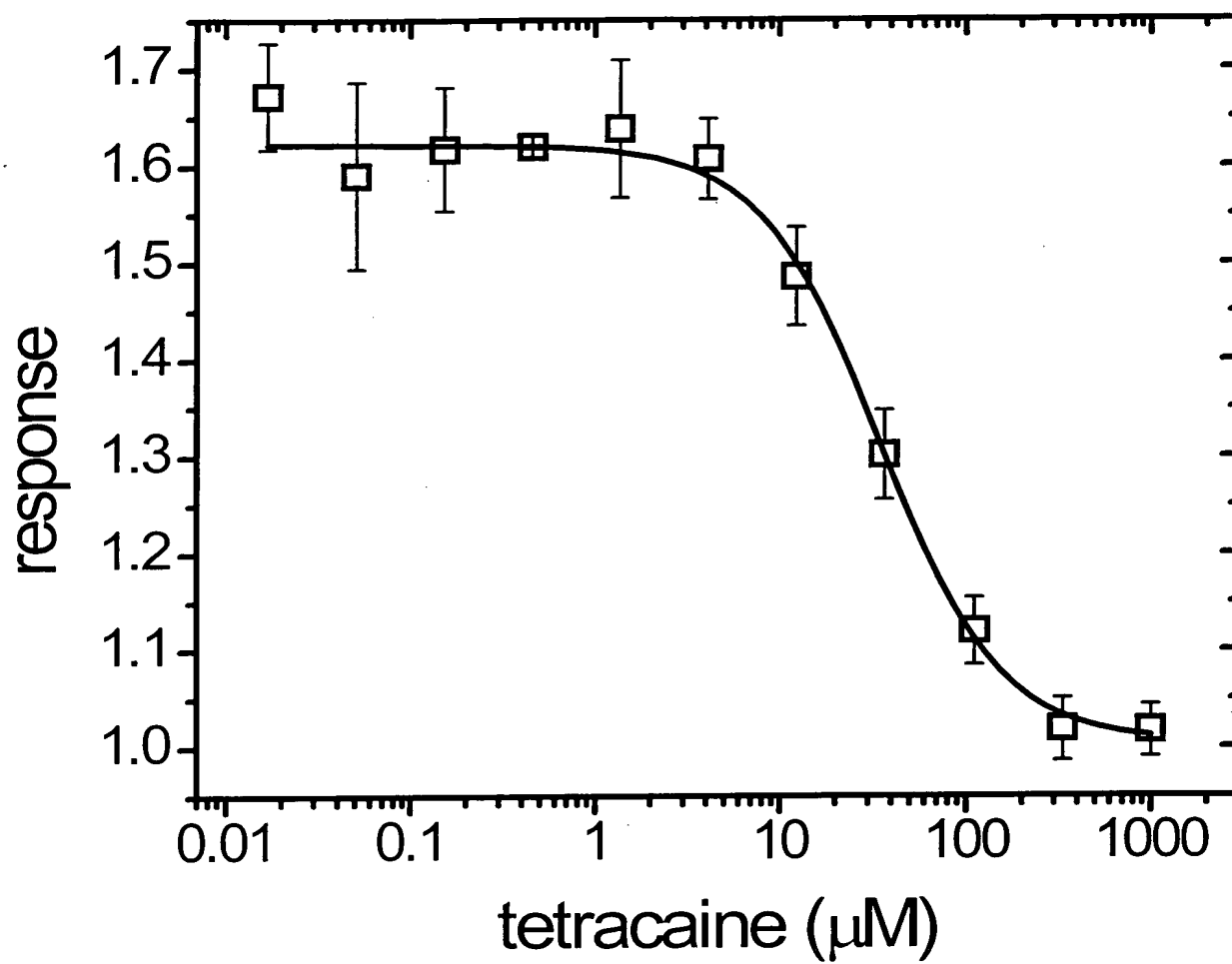
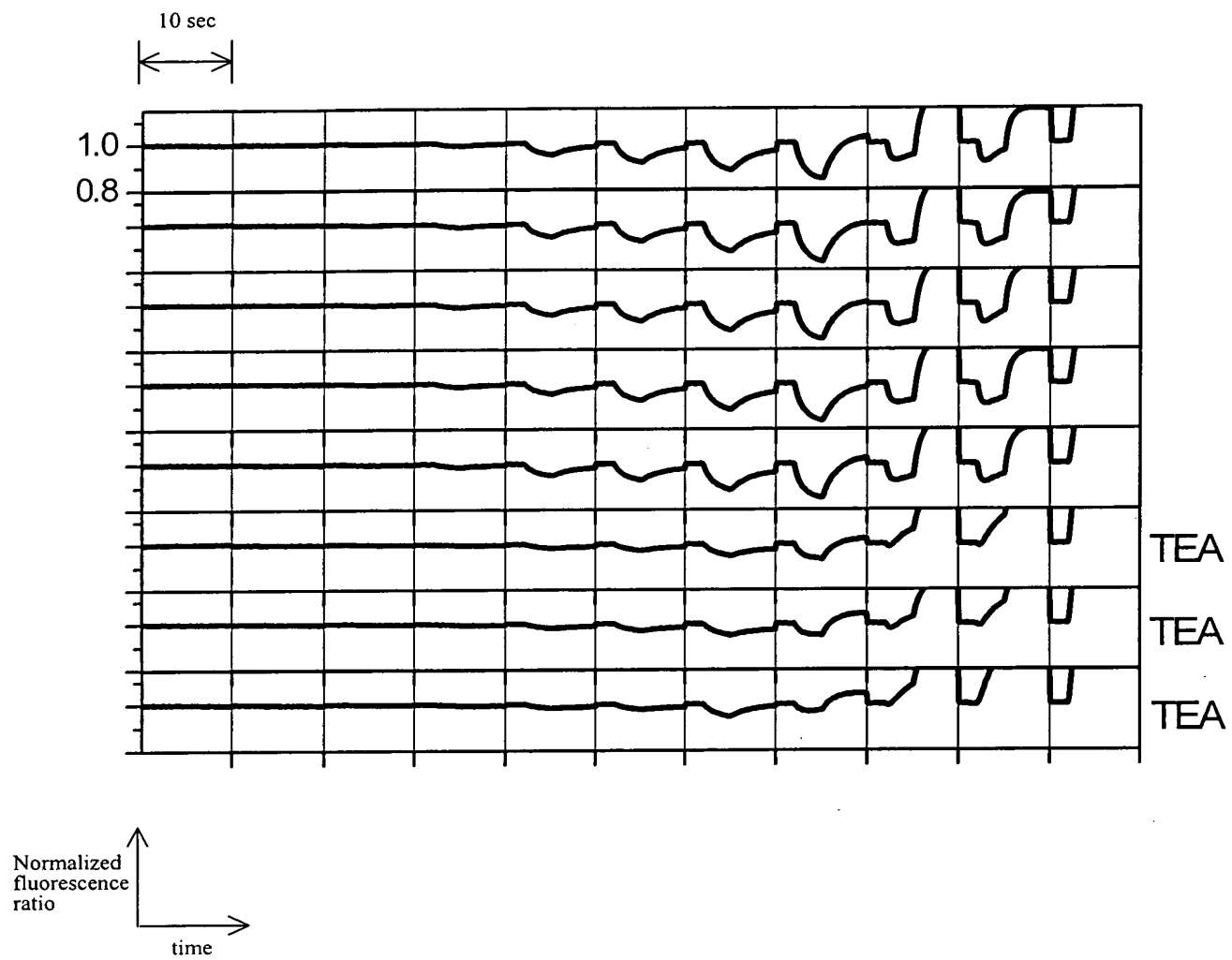


FIG. 20





**FIG. 21**

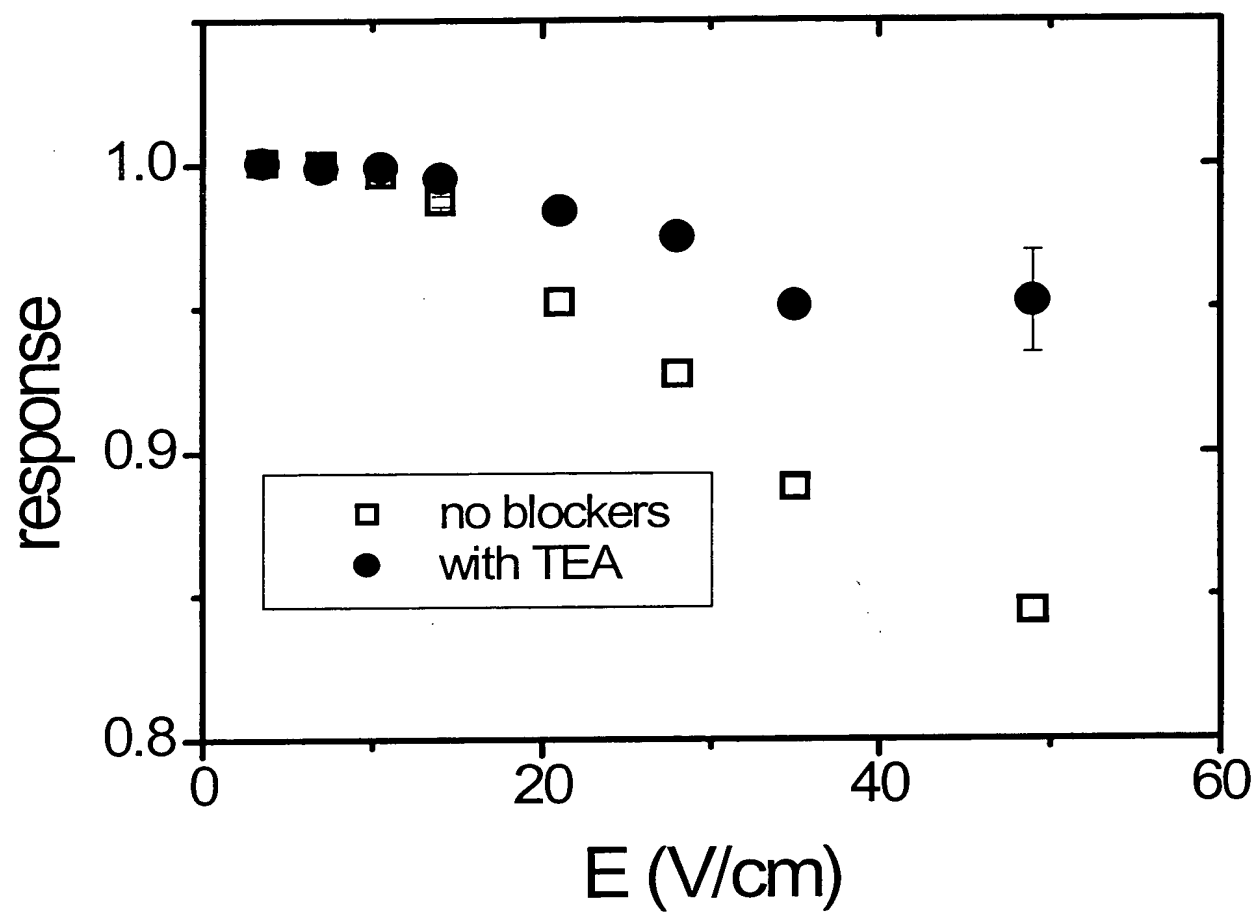
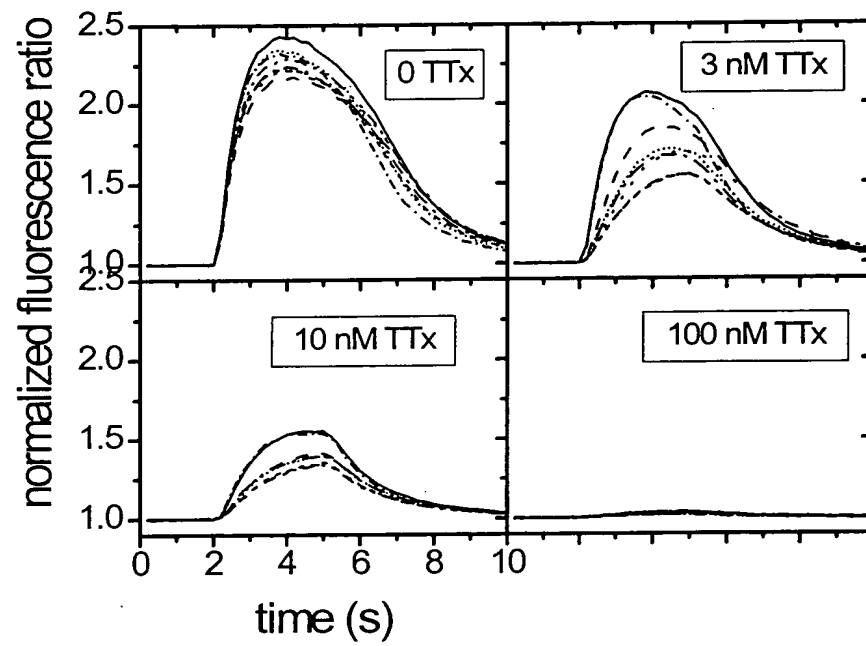
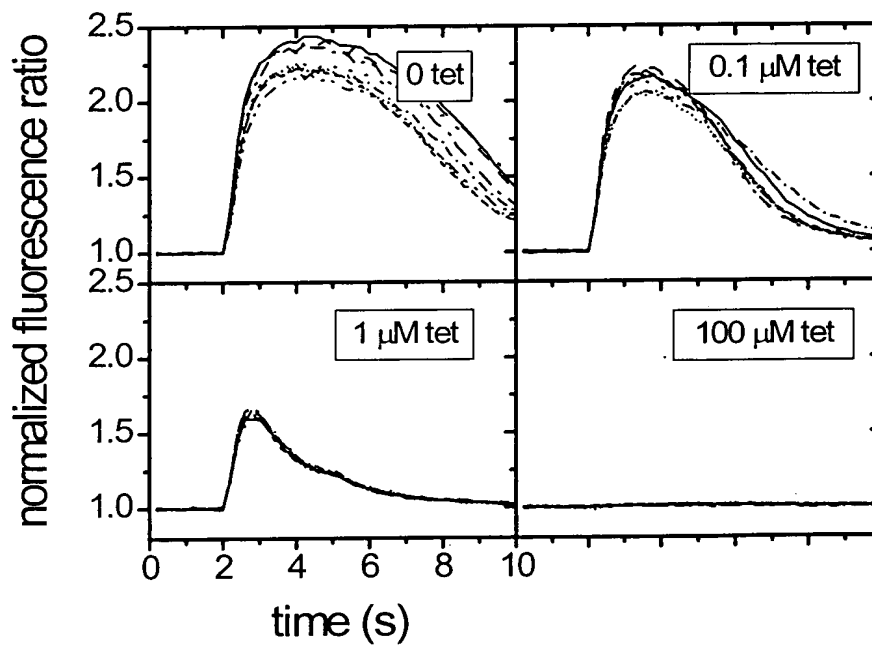


FIG. 22

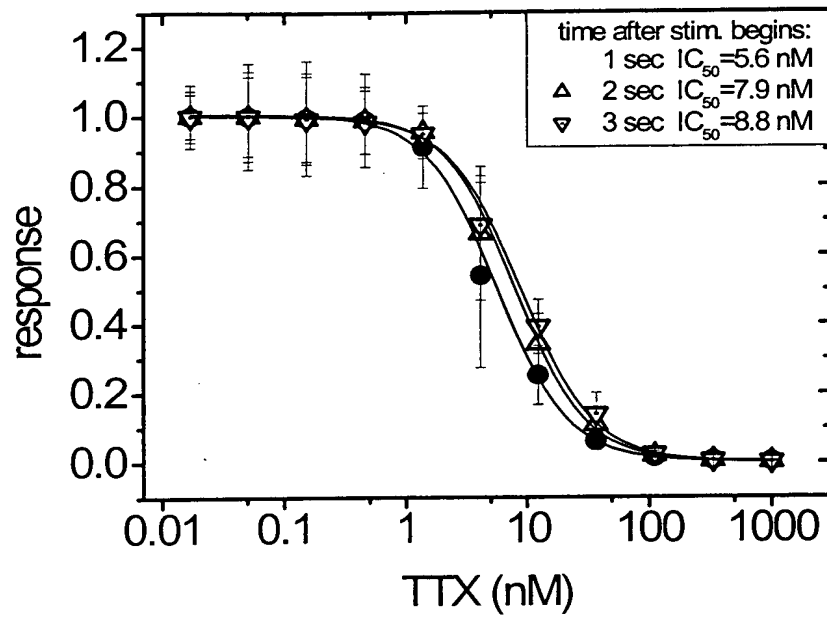


A

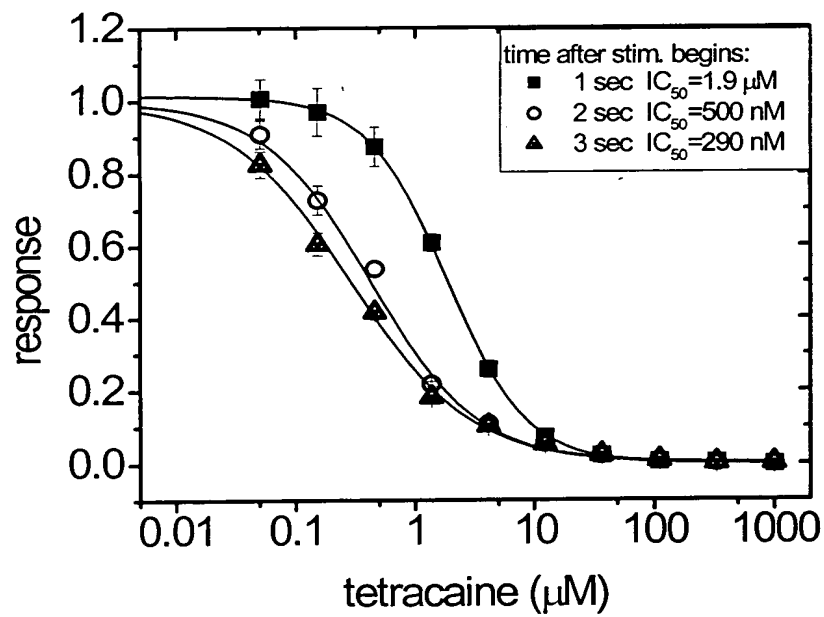


B

FIG. 23



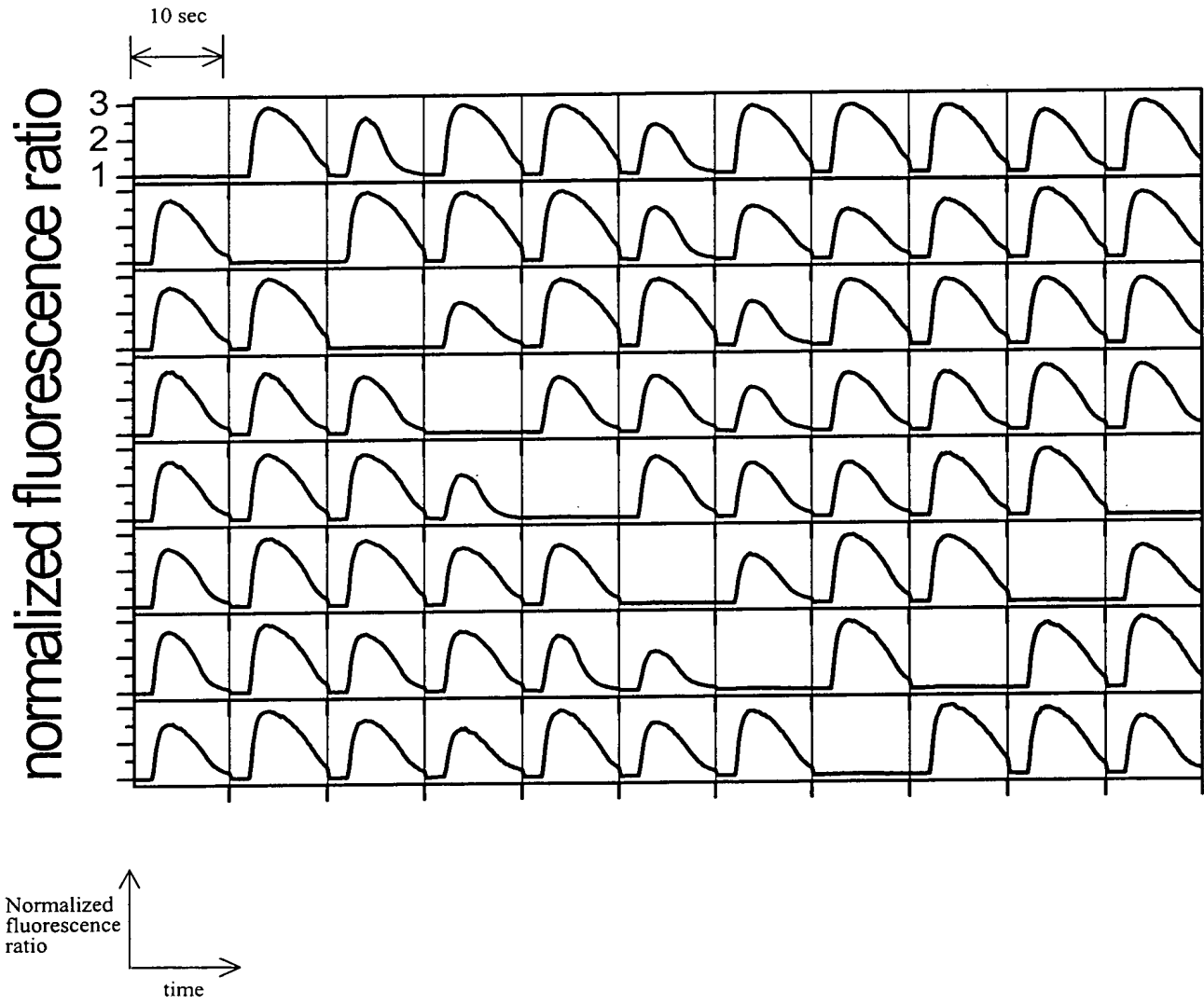
A



B

FIG. 24

Figure 25 shows a series of 10 normalized fluorescence ratio traces over time. The traces are arranged in a 10x10 grid. Each trace shows a characteristic peak and trough pattern. The y-axis is labeled 'normalized fluorescence ratio' and ranges from 1 to 3. The x-axis is labeled 'time' and has a scale bar indicating 10 seconds.



**FIG. 25**

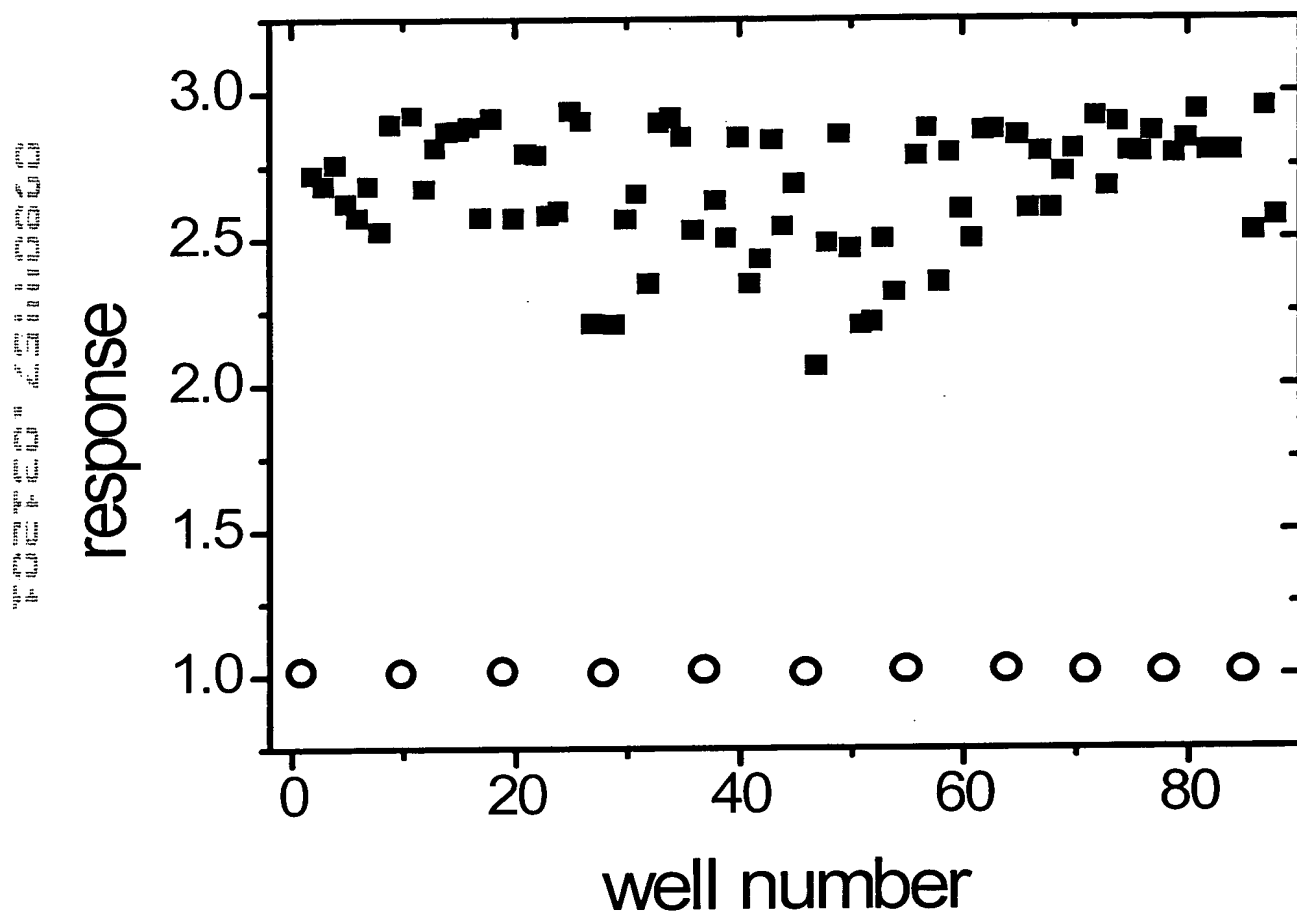


FIG. 26

normalized fluorescence ratio

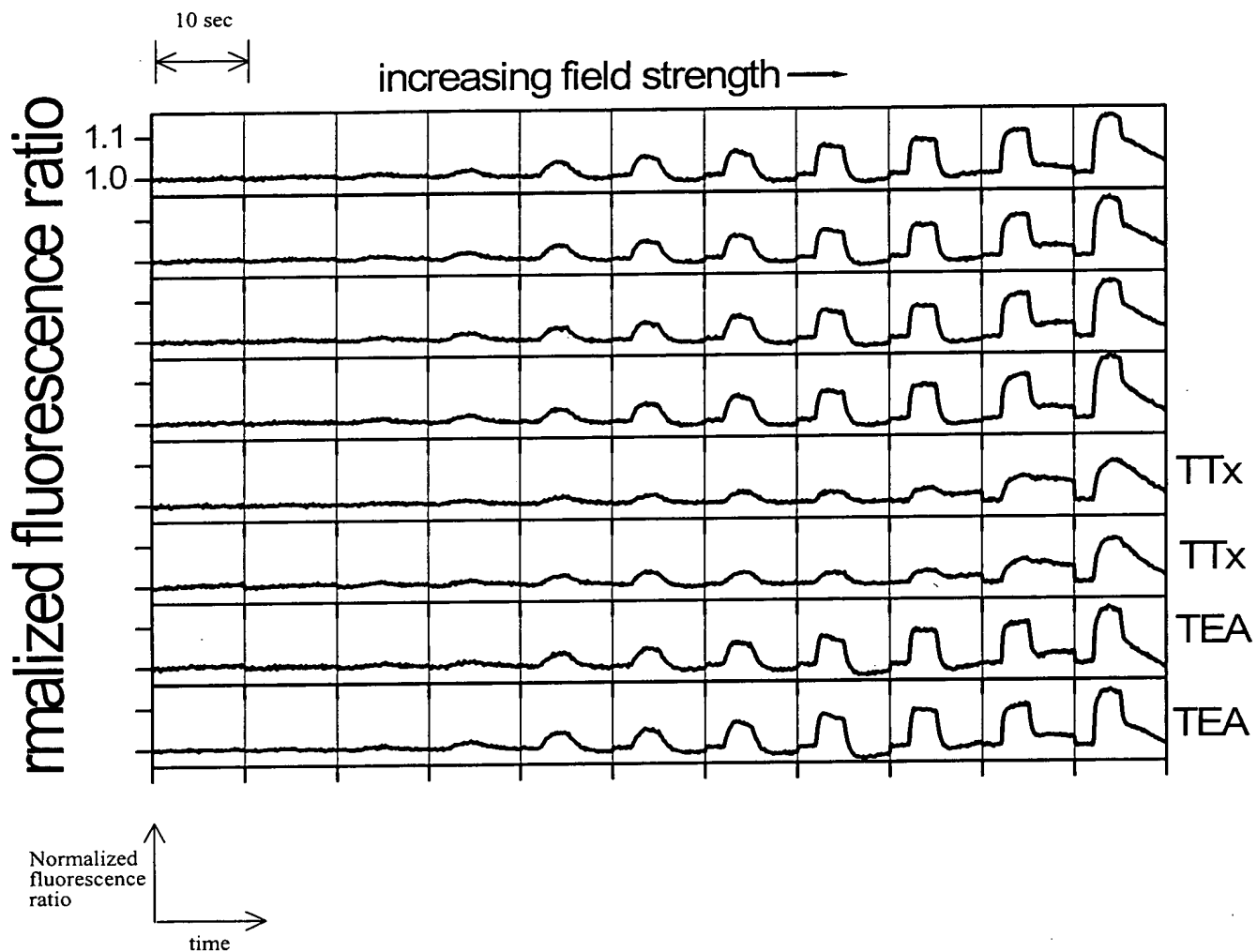


FIG. 27

response and window are plotted in the figure as a function of the electric field E.

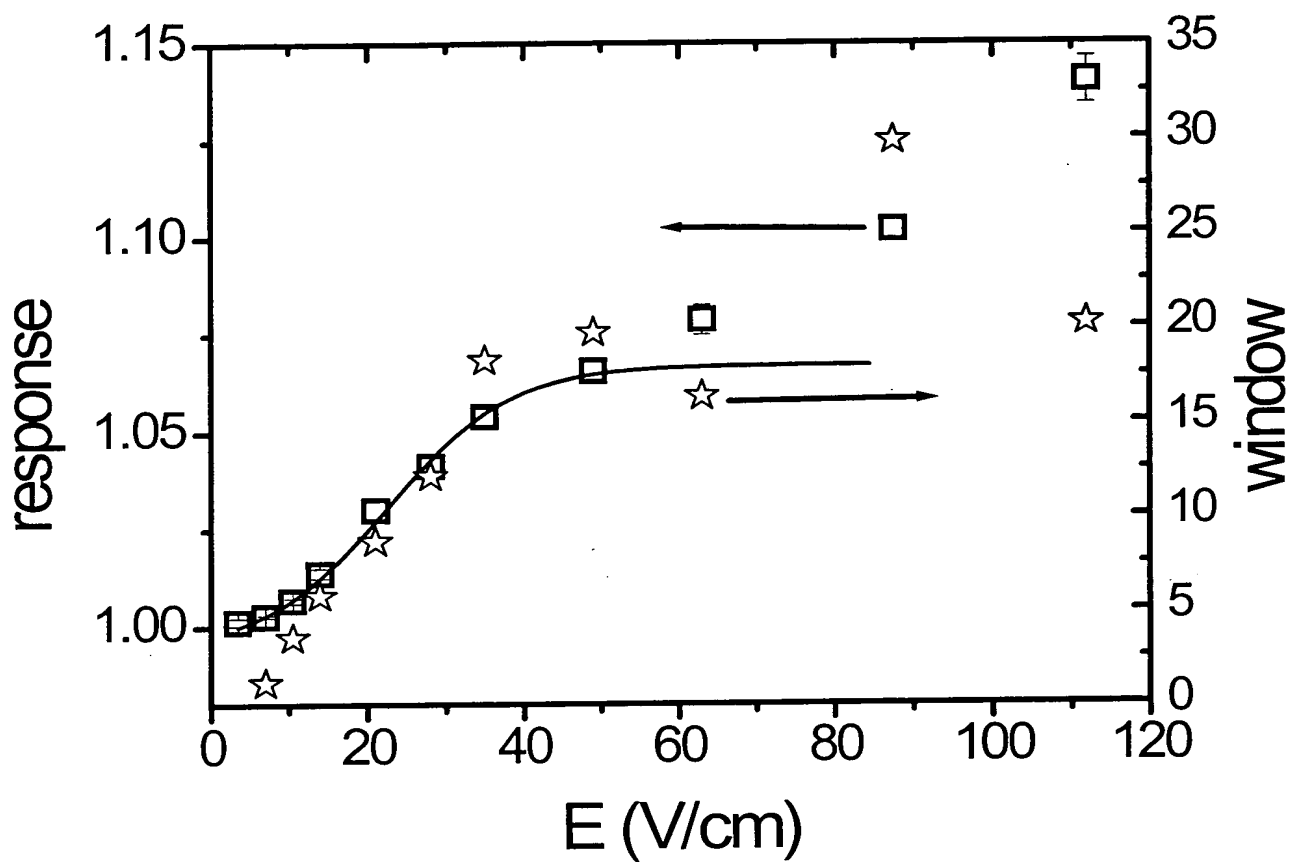


FIG. 28



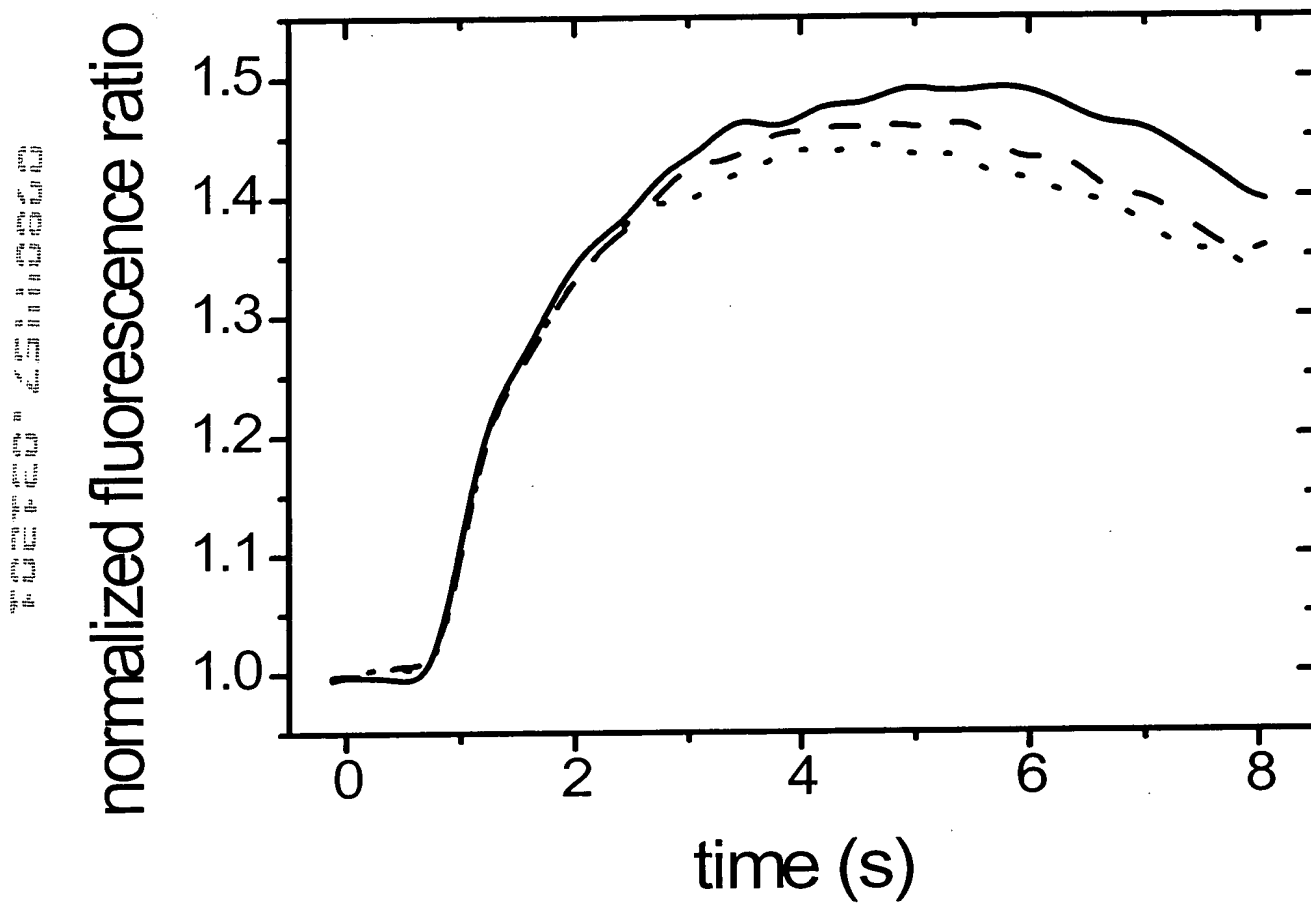


FIG. 29

response

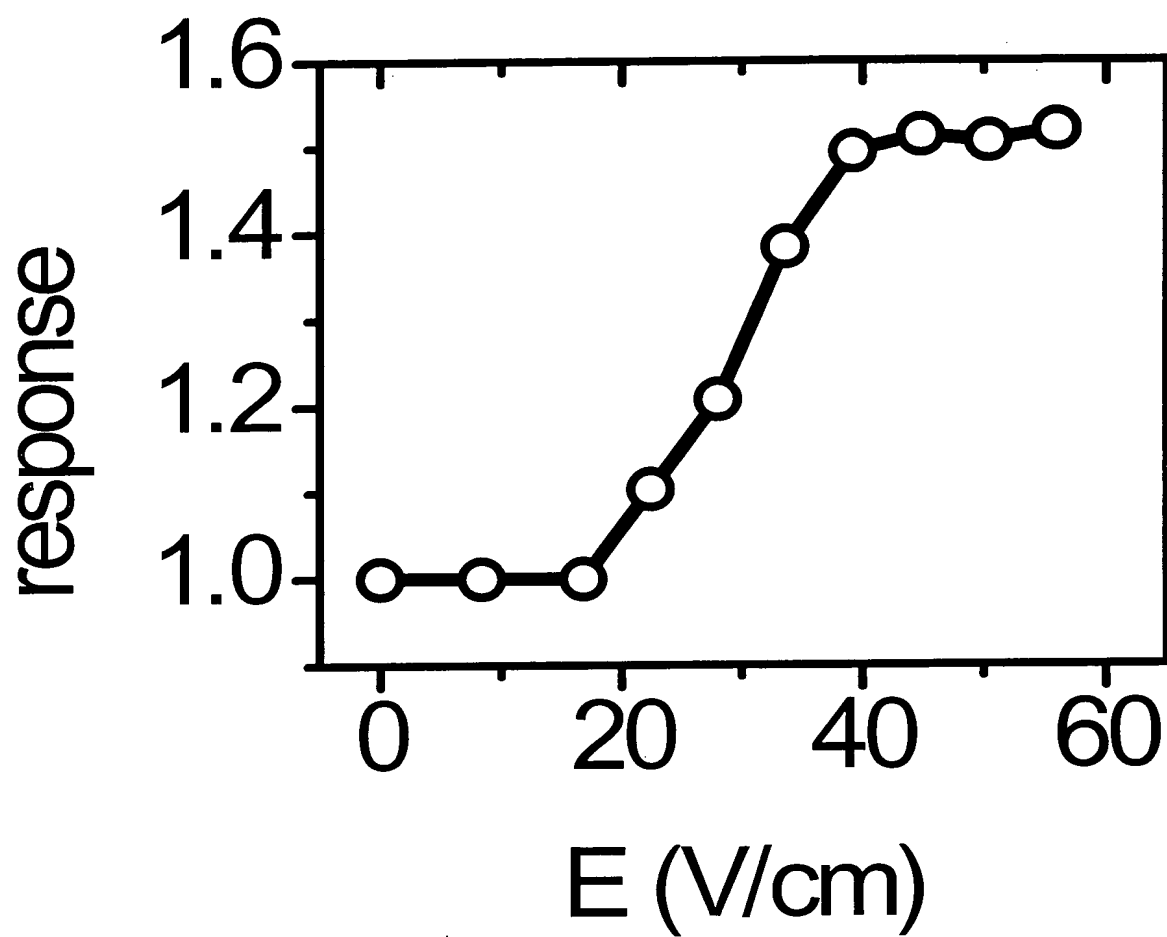


FIG. 30

response

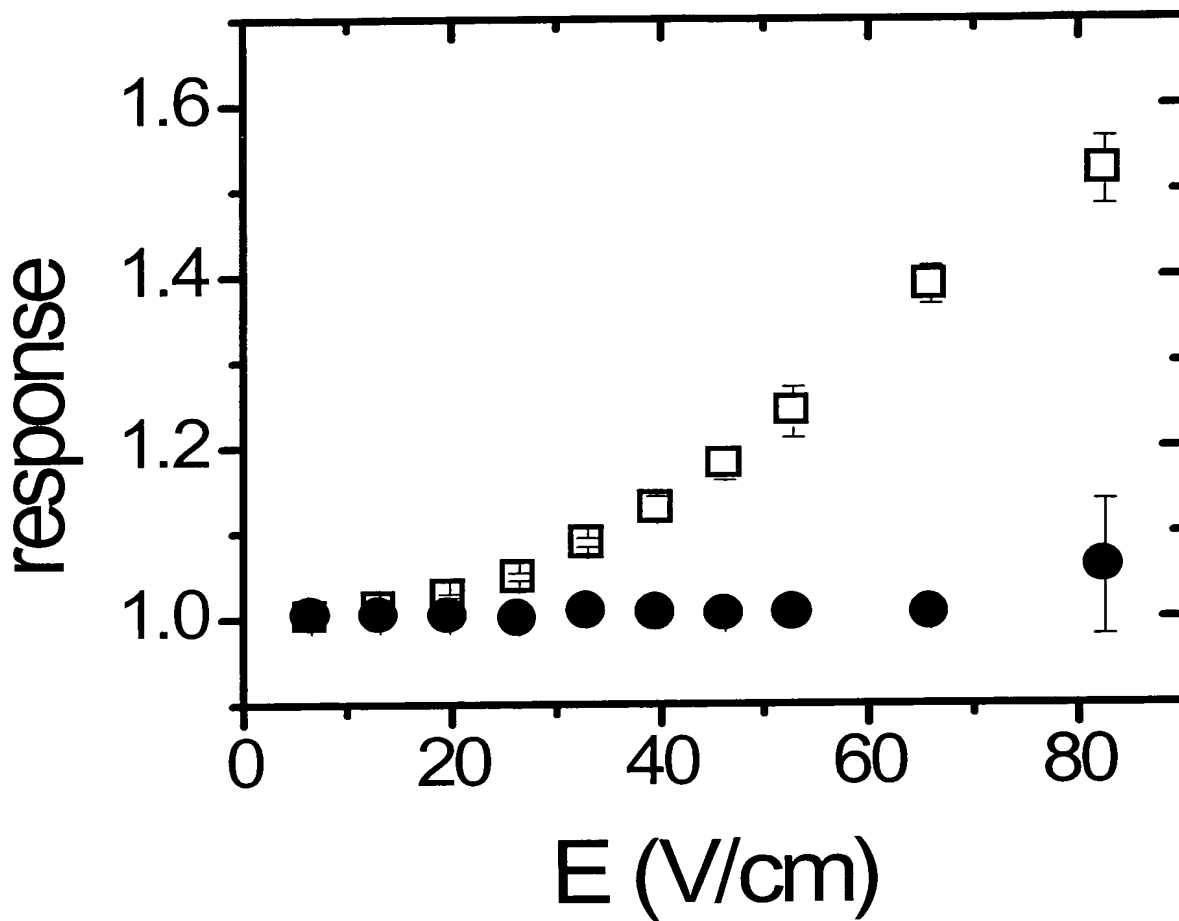


FIG. 31